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Nanotech approaches to drug delivery and imaging

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887	Dendrimers and protein cages as nanoparticles in drug delivery. <i>Drug Discovery Today</i> , 2004 , 9, 111-2	8.8	13
886	Drug delivery to the small intestine. 2004 , 6, 371-6		22
885	Silica Particles: A Novel Drug-Delivery System. 2004 , 16, 1959-1966		694
884	A Novel Flow-Injection Analysis Method of Glucose Based on Template-Synthesized Sol-Gel Nanotube Array Enzyme Membrane Reactor. 2004 , 37, 1793-1809		5
883	Techniques: new approaches to the delivery of biopharmaceuticals. 2004 , 25, 382-7		76
882	Arc plasma route to carbon-encapsulated magnetic nanoparticles for biomedical applications. 2005 , 109, 81-85		67
881	Role of nanotechnology in targeted drug delivery and imaging: a concise review. 2005 , 1, 193-212		512
880	Nanotechnology, nanomedicine, and the development of new, effective therapies for cancer. 2005 , 1, 101-9		248
879	Nanotechnology for drug and gene therapy: the importance of understanding molecular mechanisms of delivery. 2005 , 16, 674-80		112
878	Bacterial multidrug resistance unrelated to multidrug exporters: cell biology insight. 2005 , 29, 3-7		2
877	Comparison of diafiltration and tangential flow filtration for purification of nanoparticle suspensions. 2005 , 22, 2152-62		83
876	Targeted for drug delivery. 2005 , 8, 18-26		111
875	Self-assembly of peptides and its potential applications. 2005 , 421-474		2
874	Encapsulation of drug nanoparticles in self-assembled macromolecular nanoshells. 2005 , 21, 403-10		111
873	Nanotechnology for the biologist. 2005 , 78, 585-94		340

872	Molecular dynamics simulation of titanium dioxide nanoparticle sintering. 2005 , 109, 24280-7	122
871	Nanoscale polymer carriers to deliver chemotherapeutic agents to tumours. 2005 , 5, 1557-69	43
870	Nanomedicine: current status and future prospects. 2005 , 19, 311-30	1492
869	Highly efficient cellular labeling of mesoporous nanoparticles in human mesenchymal stem cells: implication for stem cell tracking. 2005 , 19, 2014-6	233
868	Enhanced antiproliferative activity of transferrin-conjugated paclitaxel-loaded nanoparticles is mediated via sustained intracellular drug retention. 2005 , 2, 373-83	271
867	Sustained release of doxorubicin from zeolite-magnetite nanocomposites prepared by mechanical activation. 2006 , 17, 4057-64	106
866	Nanobiotechnology in drug delivery. 2006 , 4, 79-88	6
865	Nanobiomaterials: a review of the existing science and technology, and new approaches. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2006 , 17, 1241-68	3.5 70
864	In vitro interactions between DMSA-coated maghemite nanoparticles and human fibroblasts: A physicochemical and cyto-genotoxic study. 2006 , 40, 4367-73	180
863	Liposomes and micro/nanoparticles as colloidal carriers for nasal drug delivery. 2006 , 3, 275-85	81
862	Development of Magnetic Nanostructured Silica-Based Materials as Potential Vectors for Drug-Delivery Applications. 2006 , 18, 1911-1919	210
861	Cytotoxicity of nanosize V(2)O(5) particles to selected fibroblast and tumor cells. 2006 , 20, 286-94	31
860	Nanocarriers: promising vehicle for bioactive drugs. 2006 , 29, 1790-8	288
859	Biodegradable PLGA/PLA Nanoparticles for Anti-Cancer Therapy. 2006 , 243-250	1
858	PEGylated Dendritic Nanoparticulate Carriers of Anti-Cancer Drugs. 2006 , 523-549	
857	Multifunctional Nanoparticles for Cancer Therapy. 2006 , 59-75	
856	Toward the emergence of nanoneurosurgery: part II--nanomedicine: diagnostics and imaging at the nanoscale level. 2006 , 58, 805-23; discussion 805-23	84
855	Toward the emergence of nanoneurosurgery: part III--nanomedicine: targeted nanotherapy, nanosurgery, and progress toward the realization of nanoneurosurgery. 2006 , 58, 1009-26; discussion 1009-26	171

854	Preparation of Silica-Coated Lanthanum Strontium Manganite Particles with Designable Curie Point, for Application in Hyperthermia Treatments. 2006 , 3, 134-143	35
853	Converging cognitive enhancements. 2006 , 1093, 201-27	57
852	Emerging implications of nanotechnology on cancer diagnostics and therapeutics. 2006 , 107, 459-66	373
851	Applications of nanotechnology in drug delivery systems for the treatment of cancer and diabetes. 2006 , 3, 557	16
850	Controlling Biochemical Weapons. 2006 ,	11
849	Nano-fabricated Materials in Cancer Treatment and Agri-biotech Applications: Buckyballs in Quantum Holy Grails. 2006 , 52, 339-356	7
848	Bio-Applications of Nanoparticles. 2007 ,	13
847	Magnetic Fluid Behavior under External Fields in View of Medical Applications. 2007 ,	1
846	Liposomes in biology and medicine. 2007 , 620, 117-28	65
845	Carrier systems and biosensors for biomedical applications. 2007 , 153-174	
844	Recent progress and challenges in nanotechnology for biomedical applications: an insight into the analysis of neurotransmitters. 2007 , 1, 210-23	4
843	In-situ single cell mechanical characterization of W303 Yeast cells inside Environmental-SEM. 2007 ,	12
842	In-situ Single Cell Mechanics Characterization of W303 Yeast Cells using Nanoneedles inside Environmental-SEM. 2007 ,	
841	High-throughput assembly of nanoelements in nanoporous alumina templates. 2007 , 90, 163119	16
840	Characterization of the theoretical radiation dose enhancement from nanoparticles. 2007 , 6, 395-401	114
839	Drug discovery and delivery in the 21st century. 2007 , 16, 1-14	22
838	Bionanotechnology: its applications and relevance to healthcare. 2007 , 1, 41	4
837	Ceramic nanovector based on layered double hydroxide: attributes, physiologically relevant compositions and surface activation. 2007 , 11, 108-117	8

836	Molecular Dynamics Study of Water Adsorption on TiO ₂ Nanoparticles. 2007 , 111, 6920-6926	78
835	Novel delivery systems for interferons. 2007 , 27, 111-27	8
834	Effects of chromium nanocomposite supplementation on blood metabolites, endocrine parameters and immune traits in finishing pigs. 2007 , 139, 69-80	41
833	Advances and challenges of nanotechnology-based drug delivery systems. 2007 , 4, 621-33	86
832	Nanomaterials and Nanosystems for Biomedical Applications. 2007 ,	40
831	New Technology and Clinical Applications of Nanomedicine. 2007 ,	
830	Three Novel Nano Particles Cytotoxicity Activity Evaluation. 2007 ,	
829	Localized functionalization of individual colloidal carriers for cell targeting and imaging. 2007 , 8, 1958-65	15
828	Targeted drug delivery utilizing protein-like molecular architecture. 2007 , 129, 4961-72	50
827	Spectroscopic characterization of hydroxylated nanoballs in methanol. 2007 , 46, 5904-10	27
826	BioNanotechnology. 2007 , 2, 1-139	20
825	Micro and Nano Systems in Biomedicine and Drug Delivery. 2007 , 1-26	9
824	Nanotechnologies for Diagnosis [Present and Future. 2007 ,	
823	Nanogels: Chemistry to Drug Delivery. 131-171	16
822	Superparamagnetic nanoparticle-supported palladium: a highly stable magnetically recoverable and reusable catalyst for hydrogenation reactions. 2007 , 9, 379	140
821	Gene Delivery into Cells and Tissues. 2007 , 493-515	
820	New technology and clinical applications of nanomedicine. 2007 , 91, 845-62	19
819	. 2007 ,	49

818	. 2007,	32
817	Biological Barriers to Nanocarrier-Mediated Delivery of Therapeutic and Imaging Agents. 261-284	1
816	Nanomedicine for drug delivery and imaging: a promising avenue for cancer therapy and diagnosis using targeted functional nanoparticles. 2007 , 120, 2527-37	485
815	Role of nanotechnology in pharmaceutical product development. 2007 , 96, 2547-65	145
814	A magnetically recoverable scavenger for palladium based on thiol-modified magnetite nanoparticles. 2007 , 330, 139-144	65
813	Novel drug delivery system of hollow mesoporous silica nanocapsules with thin shells: preparation and fluorescein isothiocyanate (FITC) release kinetics. <i>Colloids and Surfaces B: Biointerfaces</i> , 2007 , 58, 180-7	6 48
812	The present and future of nanotechnology in human health care. 2007 , 3, 20-31	560
811	In vivo tumor targeting and radionuclide imaging with self-assembled nanoparticles: mechanisms, key factors, and their implications. 2007 , 28, 1236-47	105
810	Antibacterial efficacy of aminoglycosidic antibiotics protected gold nanoparticles—A brief study. 2007 , 297, 63-70	201
809	The role of high-resolution imaging in the evaluation of nanosystems for bioactive encapsulation and targeted nanotherapy. 2007 , 38, 804-18	62
808	Multi-color encoding of polystyrene microbeads with CdSe/ZnS quantum dots and its application in immunoassay. 2007 , 316, 622-7	33
807	Doxorubicin delivery by polyamidoamine dendrimer conjugation and photochemical internalization for cancer therapy. 2007 , 122, 39-46	197
806	Synthesis and magnetic characterization of cobalt-substituted ferrite (Co _x Fe _{3-x} O ₄) nanoparticles. 2007 , 314, 60-67	102
805	Characterization of nanoparticles for therapeutics. 2007 , 2, 789-803	267
804	Novel amino acid-based polymers for pharmaceutical applications. 2007 , 59, 311-318	33
803	A versatile liposome/cyclodextrin supramolecular carrier for drug delivery through the blood-brain barrier. 2007 , 57, 567-572	10
802	Hydrophobic grafted and cross-linked starch nanoparticles for drug delivery. 2007 , 30, 173-80	170
801	Efficacy of chromium(III) supplementation on growth, body composition, serum parameters, and tissue chromium in rats. 2007 , 119, 42-50	24

800	Nanotechnologies: What we do not know. 2007 , 29, 43-61		67
799	Biodistribution of colloidal gold nanoparticles after intravenous administration: effect of particle size. <i>Colloids and Surfaces B: Biointerfaces</i> , 2008 , 66, 274-80	6	749
798	Sintering of titanium dioxide nanoparticles: a comparison between molecular dynamics and phenomenological modeling. 2008 , 10, 1169-1182		43
797	Nanovehicular intracellular delivery systems. 2008 , 97, 3518-90		252
796	Synthesis and swelling properties of novel pH-sensitive poly(aspartic acid) gels. 2008 , 4, 733-44		89
795	Interaction of CdTe quantum dots with DNA. 2008 , 10, 1337-1339		29
794	In situ fiber optic method for long-term in vitro release testing of microspheres. 2008 , 356, 206-11		20
793	Nanotechnology in the detection and control of microorganisms. 2008 , 63, 145-81		73
792	Polymeric nanoparticles for cancer therapy. <i>Journal of Drug Targeting</i> , 2008 , 16, 108-23	5.4	289
791	Pharmaceutical Micelles: Combining Longevity, Stability, and Stimuli Sensitivity. 2008 , 263-308		11
790	Clinical toxicities of nanocarrier systems. 2008 , 60, 929-38		234
789	Hydrogel nanoparticles in drug delivery. 2008 , 60, 1638-49		1401
788	Toward Sustainable Nanoproducts. 2008 , 12, 329-359		131
787	Chromium nanoparticle exhibits higher absorption efficiency than chromium picolinate and chromium chloride in Caco-2 cell monolayers. 2008 , 92, 131-40		44
786	Nanotechnology in ocular drug delivery. <i>Drug Discovery Today</i> , 2008 , 13, 144-51	8.8	404
785	Internalization of mesoporous silica nanoparticles induces transient but not sufficient osteogenic signals in human mesenchymal stem cells. 2008 , 231, 208-15		107
784	The impact of different nanoparticle surface chemistry and size on uptake and toxicity in a murine macrophage cell line. 2008 , 232, 418-27		281
783	Bioeliminable nanohydrogels for drug delivery. 2008 , 8, 3320-4		65

782	Biomaterials for the central nervous system. 2008 , 5, 957-75	172
781	Targeted single-wall carbon nanotube-mediated Pt(IV) prodrug delivery using folate as a homing device. 2008 , 130, 11467-76	579
780	Poly(amidoamine) dendrimers on lipid bilayers II: Effects of bilayer phase and dendrimer termination. 2008 , 112, 9346-53	87
779	Gold nanoparticles: From nanomedicine to nanosensing. 2008 , 1, 45-65	225
778	Incorporation in polymeric nanocapsules improves the antioxidant effect of melatonin against lipid peroxidation in mice brain and liver. 2008 , 69, 64-71	48
777	Nano-Sized Carriers for Drug Delivery. 2008 , 329-348	7
776	Self-assembly of bioinorganic nanohybrids using organoclay building blocks. 2008 , 18, 4605	84
775	Protease-Activated Delivery and Imaging Systems. 2008 , 827-851	2
774	NANOTECHNOLOGY IN MEDICINE AND HEALTH SCIENCES. 2008 , 03, 263-269	7
773	PEGylation of Nanocarrier Drug Delivery Systems: State of the Art. 2008 , 4, 133-148	146
772	Nanoprobes for Medical Diagnosis: Current Status of Nanotechnology in Molecular Imaging. 2008 , 4, 17-29	26
771	A Novel Anti Nano-Silver Particle Bacteria. 2008 ,	0
770	Communicating the risks, and the benefits, of nanotechnology. 2008 , 10, 57-69	1
769	Applying Nanotechnology to Human Health: Revolution in Biomedical Sciences. 2009 , 2009, 1-14	43
768	Nanotechnology and Drug Delivery Part 1: Background and Applications. 2009 , 8,	14
767	Role of Eco-Friendly Strategies in the Development of Biomedical Nanotechnology. 2009 , 1, 9-23	1
766	Enhanced leukemia cell detection using a novel magnetic needle and nanoparticles. 2009 , 69, 8310-6	38
765	Current advances in research and clinical applications of PLGA-based nanotechnology. 2009 , 9, 325-41	602

764	Nanobiotechnology: Application of Nanotechnology in Therapeutics and Diagnosis. 2009 , 1, 24-38	6
763	Noninvasive photoacoustic sentinel lymph node mapping using Au nanocages as a lymph node tracer in a rat model. 2009 ,	2
762	Polymeric nanoparticulate system: a potential approach for ocular drug delivery. 2009 , 136, 2-13	339
761	Nanosilver--the burgeoning therapeutic molecule and its green synthesis. 2009 , 27, 924-937	187
760	Nanoparticles of chromium picolinate enhance chromium digestibility and absorption. 2009 , 89, 1164-1167	20
759	Targeted epidermal growth factor receptor nanoparticle bioconjugates for breast cancer therapy. 2009 , 30, 5737-50	255
758	The Effect of Iron Oxide Magnetic Nanoparticles on Smooth Muscle Cells. 2009 , 4, 70-77	43
757	Nanoparticle therapeutics: a personal perspective. 2009 , 1, 264-71	135
756	Receptor-mediated cellular uptake of folate-conjugated fluorescent nanodiamonds: a combined ensemble and single-particle study. 2009 , 5, 2716-21	124
755	Towards a definition of inorganic nanoparticles from an environmental, health and safety perspective. 2009 , 4, 634-41	1306
754	Effect of chromium nanocomposite supplementation on growth hormone pulsatile secretion and mRNA expression in finishing pigs. 2009 , 93, 520-5)	12
753	Preparation of chitosanBodium alginate microcapsules containing ZnS nanoparticles and its effect on the drug release. 2009 , 29, 2250-2253	23
752	Nanotechnology-Based Drug Delivery Systems. 2009 , 5, 17-33	50
751	Sustained antibacterial activity of doxycycline-loaded poly(D,L-lactide-co-glycolide) and poly(epsilon-caprolactone) nanoparticles. 2009 , 4, 519-30	77
750	Difluoroboron Dibenzoylmethane PCL-PLA Block Copolymers: Matrix Effects on Room Temperature Phosphorescence. 2009 , 42, 3162-3169	55
749	Expansile nanoparticles: synthesis, characterization, and in vivo efficacy of an acid-responsive polymeric drug delivery system. 2009 , 131, 2469-71	261
748	Evaluation of Toxicity of Nanostructures in Biological Systems. 115-159	5
747	Synthesis and Fluorescent Properties of Difluoroboron Dibenzoylmethane Polycaprolactone. 2009 , 42, 3092-3097	45

746	Effects of nanocopper on copper availability and nutrients digestibility, growth performance and serum traits of piglets. 2009 , 126, 122-129	76
745	Ligand-based targeted therapy for cancer tissue. 2009 , 6, 285-304	154
744	Optimization of physicochemical parameters influencing the fabrication of protein-loaded chitosan nanoparticles. 2009 , 4, 773-85	38
743	Nanotechnology for Cancer Chemotherapy. 2009 , 491-518	3
742	Near-infrared gold nanocages as a new class of tracers for photoacoustic sentinel lymph node mapping on a rat model. 2009 , 9, 183-8	332
741	Emergence of targeted molecular imaging in atherosclerotic cardiovascular disease. 2009 , 7, 197-203	10
740	Proteolysis: a biological process adapted in drug delivery, therapy, and imaging. 2009 , 20, 1683-95	107
739	Role of nanocarrier systems in cancer nanotherapy. 2009 , 19, 310-21	57
738	Biomaterials for promoting brain protection, repair and regeneration. 2009 , 10, 682-92	326
737	Magnetic nanoparticle drug carriers and their study by quadrupole magnetic field-flow fractionation. 2009 , 6, 1290-306	39
736	On the toxicity of therapeutically used nanoparticles: an overview. 2009 , 2009, 754810	106
735	Interactions between DMPC liposomes and the serum blood proteins HSA and IgG. 2009 , 113, 1655-61	47
734	Dendrimers and nanomedicine: multivalency in action. 2009 , 33, 1809	164
733	Stimulus-responsive targeted nanomicelles for effective cancer therapy. 2009 , 4, 657-67	47
732	Targeted delivery of anti-inflammatory agents to tumors. 2009 , 15, 1825-43	12
731	Comparative cytotoxicity of quantum dot and gold conjugates. 2009 ,	1
730	Strategies for Microsphere-Mediated Cellular Delivery. 2010 , 117-140	
729	Nanocarriers for Imaging Applications. 2010 , 563-611	1

728	Methazolamide calcium phosphate nanoparticles in an ocular delivery system. 2010 , 130, 419-24	40
727	Nanotechnology-based systems for the treatment and prevention of HIV/AIDS. 2010 , 62, 458-77	153
726	In vivo evaluation of novel nanoparticles containing dexamethasone for ocular drug delivery on rabbit eye. 2010 , 35, 1081-9	64
725	Smart Nano-systems for Tumour Cellular Diagnoses and Therapies. 2010 , 31-54	0
724	Colloidal nanocarriers: a review on formulation technology, types and applications toward targeted drug delivery. 2010 , 6, 9-24	491
723	Development of multiple-layer polymeric particles for targeted and controlled drug delivery. 2010 , 6, 355-61	56
722	Molecular imaging of inflammation and intraplaque vasa vasorum: a step forward to identification of vulnerable plaques?. 2010 , 17, 897-912	50
721	Evaluation of cytotoxicity and mechanism of apoptosis of doxorubicin using folate-decorated chitosan nanoparticles for targeted delivery to retinoblastoma. 2010 , 1, 47-62	43
720	Synthesis of cholesterol-conjugated magnetic nanoparticles for purification of human paraoxonase 1. 2010 , 162, 671-86	11
719	Nanochemoprevention by bioactive food components: a perspective. 2010 , 27, 1054-60	60
718	Intracellular trafficking of nuclear localization signal conjugated nanoparticles for cancer therapy. 2010 , 39, 152-63	167
717	Cancer nanotechnology: application of nanotechnology in cancer therapy. <i>Drug Discovery Today</i> , 2010 , 15, 842-50	8.8 433
716	The benefits and challenges associated with the use of drug delivery systems in cancer therapy. 2010 , 80, 762-70	114
715	Anti-CD8 conjugated nanoparticles to target mammalian cells expressing CD8. 2010 , 399, 80-6	24
714	Wheat germ agglutinin-conjugated PLGA nanoparticles for enhanced intracellular delivery of paclitaxel to colon cancer cells. 2010 , 400, 201-10	62
713	Dual drug loaded superparamagnetic iron oxide nanoparticles for targeted cancer therapy. 2010 , 31, 3694-706	316
712	The in vitro stability and in vivo pharmacokinetics of curcumin prepared as an aqueous nanoparticulate formulation. 2010 , 31, 6597-611	380
711	Ablation and optical third-order nonlinearities in Ag nanoparticles. 2010 , 5, 925-32	20

710	DNA-based applications in nanobiotechnology. 2010 , 2010, 715295	28
709	Hydrogel containing dexamethasone-loaded nanocapsules for cutaneous administration: preparation, characterization, and in vitro drug release study. 2010 , 36, 962-71	57
708	Calcium-enhanced exocytosis of gold nanoparticles. 2010 , 97, 093706	18
707	Importance of novel drug delivery systems in herbal medicines. 2010 , 4, 27-31	80
706	Novel drug delivery systems for sustained and targeted delivery of anti- cancer drugs: current status and future prospects. 2010 , 7, 152-61	44
705	Carbon-iron magnetic nanoparticles for agronomic use in plants: promising but still a long way to go. 2010 , 5, 1295-7	10
704	Preparation of drug-loaded polymeric nanoparticles and evaluation of the antioxidant activity against lipid peroxidation. 2010 , 610, 109-21	5
703	Development and Use of Fluorescent Nanodiamonds as Cellular Markers. 2010 , 127-150	7
702	Nanobiosensing Electronics and Nanochemistry for Biosensor Packaging. 2010 , 613-663	1
701	In vivo photoacoustic tomography of chemicals: high-resolution functional and molecular optical imaging at new depths. 2010 , 110, 2756-82	601
700	Transferrin-coupled fluorescence nanodiamonds as targeting intracellular transporters: An investigation of the uptake mechanism. 2010 , 19, 1163-1167	32
699	Bio-Inspired/-Functional Colloidal Core-Shell Polymeric-Based NanoSystems: Technology Promise in Tissue Engineering, Bioimaging and NanoMedicine. 2010 , 2, 323-352	54
698	Metallic nanoparticles: technology overview & drug delivery applications in oncology. 2010 , 7, 927-42	144
697	gamma-Glutamyl PAMAM dendrimer as versatile precursor for dendrimer-based targeting devices. 2010 , 21, 175-81	25
696	Structural and Dynamic Properties of Water near Monolayer-Protected Gold Clusters with Various Alkanethiol Tail Groups. 2010 , 114, 8697-8709	38
695	Magnetic and Mössbauer Effect Study of $(\text{Co}_{0.5}\text{Zn}_{0.4}\text{Cu}_{0.1}\text{Fe}_2\text{O}_4)(1-x)(\text{Al}_2\text{O}_3/\text{PVA})_x$ ($x = 0$ and 0.30) Synthesized by Sonochemical Route. 2010 , 114, 14763-14771	10
694	Nanomedicine in ophthalmology: the new frontier. 2010 , 150, 144-162.e2	61
693	Cationic polyelectrolytes as drug delivery vectors: calorimetric and fluorescence study of Rutin partitioning. 2010 , 114, 16236-43	21

692	Effects of engineered cerium oxide nanoparticles on bacterial growth and viability. 2010 , 76, 7981-9	269
691	Silver nanocrystallites: biofabrication using <i>Shewanella oneidensis</i> , and an evaluation of their comparative toxicity on gram-negative and gram-positive bacteria. 2010 , 44, 5210-5	264
690	A novel class of potential prion drugs: preliminary in vitro and in vivo data for multilayer coated gold nanoparticles. 2010 , 2, 2724-32	24
689	NANOTECHNOLOGY IN PHARMACEUTICAL AND BIOMEDICAL APPLICATIONS: DENDRIMERS. 2011 , 06, 509-539	37
688	Nanoparticles in Confined Structures: Formation and Application. 2011 , 207-233	1
687	Unique benefits of nanotechnology to drug delivery and diagnostics. 2011 , 697, 3-8	59
686	Targeted nutlin-3a loaded nanoparticles inhibiting p53-MDM2 interaction: novel strategy for breast cancer therapy. 2011 , 6, 489-507	19
685	Ocular drug delivery - a look towards nanobioadhesives. 2011 , 8, 71-94	50
684	Nanoplatfoms for constructing new approaches to cancer treatment, imaging, and drug delivery: what should be the policy?. 2011 , 54 Suppl 1, S106-24	118
683	Solid State Structural Characterization and Solution Spectroscopy of a Dodecyloxy Copper Nanoball. 2011 , 11, 3183-3189	17
682	Adsorption, desorption, and removal of polymeric nanomedicine on and from cellulose surfaces: effect of size. 2011 , 27, 12550-9	31
681	Characterization of Nanoparticles Intended for Drug Delivery. 2011 ,	48
680	Toxicology of nanomaterials used in nanomedicine. 2011 , 14, 593-632	196
679	Biomaterials for Central Nervous System Regeneration. 2011 , 455-466	1
678	Influence of both a static magnetic field and penetratin on magnetic nanoparticle delivery into fibroblasts. 2011 , 6, 1719-31	18
677	PEG-OCL micelles for quercetin solubilization and inhibition of cancer cell growth. 2011 , 79, 268-75	46
676	Oxidative mechanisms contribute to nanosize silican dioxide-induced developmental neurotoxicity in PC12 cells. 2011 , 25, 1548-56	50
675	Advancement in carbon nanotubes: basics, biomedical applications and toxicity. 2011 , 63, 141-63	219

674	Multifunctional Synthetic Poly(l-Glutamic Acid)Based Cancer Therapeutic and Imaging Agents. <i>Molecular Imaging</i> , 2011 , 10, 7290.2011.00007	3-7	31
673	Solid Lipid Nanoparticles: Technological Developments and in Vivo Techniques to Evaluate Their Interaction with the Skin. 2011 ,		1
672	Self-assembling peptides: potential role in tumor targeting. 2011 , 12, 1089-100		30
671	Silica nanoparticles as promising drug/gene delivery carriers and fluorescent nano-probes: recent advances. 2011 , 11, 156-63		32
670	Tales of biomaterials, molecules, and cells for repairing and treating brain dysfunction. 2011 , 6, 171-89		7
669	Receptor mediated tumor targeting: an emerging approach for cancer therapy. 2011 , 8, 45-58		79
668	A promising strategy for overcoming MDR in tumor by magnetic iron oxide nanoparticles co-loaded with daunorubicin and 5-bromotetrandrin. 2011 , 6, 2123-31		18
667	Enhanced antiproliferative activity of Herceptin (HER2)-conjugated gemcitabine-loaded chitosan nanoparticle in pancreatic cancer therapy. 2011 , 7, 859-70		127
666	Hydrophobically modified starch using long-chain fatty acids for preparation of nanosized starch particles. 2011 , 18, 439-439		70
665	Long circulating chitosan/PEG blended PLGA nanoparticle for tumor drug delivery. 2011 , 670, 372-83		193
664	Solution stability of Cu(II) metalorganic polyhedra. 2011 , 378, 36-41		18
663	The comparative effects of mesoporous silica nanoparticles and colloidal silica on inflammation and apoptosis. 2011 , 32, 9434-43		139
662	Nanostructured materials for water desalination. 2011 , 22, 292001		465
661	Composite polymeric magnetic nanoparticles for co-delivery of hydrophobic and hydrophilic anticancer drugs and MRI imaging for cancer therapy. 2011 , 3, 842-56		136
660	Valproate-Loaded hydrogel nanoparticles: Preparation and characterization. 2011 , 124, n/a-n/a		4
659	Surface-mediated production of hydroxyl radicals as a mechanism of iron oxide nanoparticle biotoxicity. 2011 , 133, 35-41		261
658	Enhanced cellular uptake and in vivo pharmacokinetics of rapamycin-loaded cubic phase nanoparticles for cancer therapy. 2011 , 7, 3656-69		14
657	Entry of large nanoparticles into cells aided by nanoscale mechanical stimulation. 2011 , 13, 5301-5309		3

656	Applications of nanomaterials in the different fields of photosciences. 2011 , 85, 1229-1245		79
655	Drug delivery to the testis: current status and potential pathways for the development of novel therapeutics. <i>Drug Delivery and Translational Research</i> , 2011 , 1, 351-60	6.2	4
654	Recent research progress on the preparation and application of magnetic nanospheres. 2011 , 60, 976-994		48
653	Two-dimensional pH mapping of release kinetics of silica-encapsulated drugs. 2011 , 100, 4401-12		4
652	Nanomaterials: applications in cancer imaging and therapy. 2011 , 23, H18-40		729
651	Spectroscopic properties of artificial DNA nanostructures. 2011 , 11, 1233-1236		2
650	Interpenetrating polymer network (IPN) nanogels based on gelatin and poly(acrylic acid) by inverse miniemulsion technique: synthesis and characterization. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011 , 83, 204-13	6	66
649	Epithelial cell adhesion molecule targeted nutlin-3a loaded immunonanoparticles for cancer therapy. 2011 , 7, 355-69		26
648	Sustained targeting of Bcr-Abl ⁺ leukemia cells by synergistic action of dual drug loaded nanoparticles and its implication for leukemia therapy. 2011 , 32, 5643-62		27
647	A new fluorescent film sensor for Pb(II) ions developed by simulating bio-mineralization process synthesizing of ZnS/CS nanocomposite. 2011 , 176, 873-877		10
646	Effects of magnetic nanoparticles on nuclear spin relaxation in viscous systems. 2011 , 44, 435001		1
645	Current advances in delivery of biotherapeutics across the blood-brain barrier. 2011 , 8, 87-101		34
644	The Application of Thermosensitive Nanocarriers in Controlled Drug Delivery. 2011 , 2011, 1-12		47
643	Nanotechnology in cancer treatment. 2011 ,		1
642	Dual-mode imaging with radiolabeled gold nanorods. 2011 , 16, 051307		33
641	Amine terminated spherical aggregates of alumina through self-assembly using organosilanes. 2011 , 5, 053506		
640	Nanocarriers for nitric oxide delivery. 2011 , 2011, 936438		40
639	Nanotechnology for biomedical applications - enhancement of photodynamic activity by nanomaterials. 2011 , 59, 253-261		4

638	Nanoparticle-based Drug Delivery Systems for Solid Brain Tumors. 2011 , 7, 47-54		3
637	Active-targeted nanotherapy strategies for prostate cancer. 2011 , 11, 954-65		18
636	Fabrication, modeling and characterization of multi-crosslinked methacrylate copolymeric nanoparticles for oral drug delivery. <i>International Journal of Molecular Sciences</i> , 2011 , 12, 6194-225	6.3	16
635	Enhancement of Polymer Cytocompatibility by Nanostructuring of Polymer Surface. 2012 , 2012, 1-17		8
634	Fine Particles in Medicine and Pharmacy. 2012 ,		6
633	Nanotechnology applications in plastic and reconstructive surgery: a review. 2012 , 32, 156-64		3
632	Nanotools for the delivery of antimicrobial peptides. 2012 , 13, 1158-72		44
631	Nanotechnology-Enabled Delivery Systems for Food Functionalization and Fortification. 2012 , 55-101		5
630	General Principles of Drug Distribution. 2012 , 1		1
629	Nanomedicine: pharmacological perspectives. 2012 , 1,		12
628	Folate decorated dual drug loaded nanoparticle: role of curcumin in enhancing therapeutic potential of nutlin-3a by reversing multidrug resistance. 2012 , 7, e32920		74
627	Image-guided nanosystems for targeted delivery in cancer therapy. 2012 , 19, 3230-40		39
626	- Surface Plasmon Resonance Analysis of Nanoparticles for Targeted Drug Delivery. 2012 , 80-93		
625	Nanotechnology-based combinational drug delivery: an emerging approach for cancer therapy. <i>Drug Discovery Today</i> , 2012 , 17, 1044-52	8.8	386
624	Nano copper induced apoptosis in podocytes via increasing oxidative stress. 2012 , 241-242, 279-86		39
623	Halloysite Nanoclay for Controlled Release Applications. 2012 , 209-238		5
622	Nanoparticulate Drug Delivery Systems for Oral Cancer Treatment. 2012 , 333-345		3
621	Nanotheranostics for personalized medicine. 2012 , 64, 1394-416		349

620	A nanosized delivery system of superparamagnetic iron oxide for tumor MR imaging. 2012 , 439, 342-8	17
619	Impact of nanotechnology in cancer: emphasis on nanochemoprevention. 2012 , 7, 591-605	46
618	Emerging role of nanocarriers to increase the solubility and bioavailability of curcumin. 2012 , 9, 1347-64	86
617	Antiglioma activity of curcumin-loaded lipid nanoparticles and its enhanced bioavailability in brain tissue for effective glioblastoma therapy. 2012 , 8, 2670-87	43
616	Prospects and applications of nanobiotechnology: a medical perspective. 2012 , 10, 31	126
615	Hydrogels containing redispersible spray-dried melatonin-loaded nanocapsules: a formulation for transdermal-controlled delivery. 2012 , 7, 251	37
614	Nanostructures and Nanostructured Networks for Smart Drug Delivery. 2012 , 417-458	1
613	CoreShell Polymeric Nanomaterials and Their Biomedical Applications. 2012 ,	
612	Multifunctional Nanocomposites for Biomedical Applications. 2012 ,	
611	Nanotechnology in therapeutics: a focus on nanoparticles as a drug delivery system. 2012 , 7, 1253-71	387
610	Drug Delivery Using Nanocarriers: Indian Perspective. 2012 , 82, 167-206	11
609	Antibacterial activity of doxycycline-loaded nanoparticles. 2012 , 509, 61-85	19
608	Mesoporous silica nanoparticles for increasing the oral bioavailability and permeation of poorly water soluble drugs. 2012 , 9, 505-13	144
607	Biomedical Applications of Gold Nanoparticles. 2012 , 101-145	3
606	Breakdown of the blood-ocular barrier as a strategy for the systemic use of nanosystems. <i>Pharmaceutics</i> , 2012 , 4, 252-75	6.4 45
605	Aptamer-labeled PLGA nanoparticles for targeting cancer cells. 2012 , 3, 1-12	44
604	Site specific/targeted delivery of gemcitabine through anisamide anchored chitosan/poly ethylene glycol nanoparticles: an improved understanding of lung cancer therapeutic intervention. 2012 , 47, 1006-14	58
603	Dendrimer-mediated drug delivery to the skin. 2012 , 8, 4301	57

602	Patenting Nanomedicines. 2012 ,		2
601	Emerging role of radiolabeled nanoparticles as an effective diagnostic technique. 2012 , 2, 39		100
600	Nanotechnology in Ophthalmic Drug Delivery. 2012 , 277-303		2
599	Malaria Intervention Policies and Pharmaceutical Nanotechnology as a Potential Tool for Malaria Management. 2012 , 73, 167-184		18
598	Magnetic Nanoparticles-Supported Palladium: A Highly Efficient and Reusable Catalyst for the Suzuki, Sonogashira, and Heck Reactions. 2012 , 354, 1307-1318		158
597	Efficacy of dietary chromium (III) supplementation on tissue chromium deposition in finishing pigs. 2012 , 148, 316-21		15
596	Nanoparticle delivery systems for cancer therapy: advances in clinical and preclinical research. 2012 , 14, 83-93		209
595	Elaboration and characterization of nanoliposome made of soya; rapeseed and salmon lecithins: application to cell culture. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012 , 95, 75-81	6	41
594	The effect of a P123 template in mesopores of mesocellular foam on the controlled-release of venlafaxine. 2012 , 424, 89-97		18
593	Nanoparticles: a boon to drug delivery, therapeutics, diagnostics and imaging. 2012 , 8, 147-66		983
592	Cell adhesion and proliferation on polyethylene grafted with Au nanoparticles. 2012 , 272, 391-395		27
591	Nanomedicine and veterinary science: the reality and the practicality. 2012 , 193, 12-23		52
590	Albumin-based nanoparticles as potential controlled release drug delivery systems. 2012 , 157, 168-82		952
589	Protein-based nanocarriers as promising drug and gene delivery systems. 2012 , 161, 38-49		543
588	. 2012 , 61, 1848-1856		32
587	Poly(N-isopropylacrylamide-co-hydroxyethyl methacrylate) graft copolymers and their application as carriers for drug delivery system. 2012 , 123, 2368-2376		12
586	A Promising Combo Gene Delivery System Developed from (3-Aminopropyl)triethoxysilane-Modified Iron Oxide Nanoparticles and Cationic Polymers. 2013 , 15, 1		5
585	Liposome: classification, preparation, and applications. 2013 , 8, 102		1725

584	Enhanced accumulation of curcumin and temozolomide loaded magnetic nanoparticles executes profound cytotoxic effect in glioblastoma spheroid model. 2013 , 85, 452-62	67
583	Characterization of hydrogel synthesized from natural polysaccharides blend grafted acrylamide using microwave (MW) and ultraviolet (UV) techniques. 2013 , 65, 172-178	31
582	Bioengineering strategies for designing targeted cancer therapies. 2013 , 118, 1-59	49
581	Nanostructured silica-based drug delivery vehicles for hydrophobic and moisture sensitive drugs. 2013 , 73, 34-42	43
580	Cancer nanomedicine: from drug delivery to imaging. 2013 , 5, 216rv4	35 ¹
579	Size-tunable supramolecular nanoparticles mediated by ternary cucurbit[8]uril host-guest interactions. 2013 , 49, 6740-2	32
578	Folic acid conjugated magnetic drug delivery system for controlled release of doxorubicin. 2013 , 15, 1	24
577	Synthesis and micellization of a pH-sensitive diblock copolymer for drug delivery. 2013 , 455, 5-13	26
576	Monodisperse biopolymer nanoparticles by Continuous Supercritical Emulsion Extraction. 2013 , 76, 67-73	30
575	Rapid and soft formulation of folate-functionalized nanoparticles for the targeted delivery of triptonone in ovarian carcinoma. 2013 , 458, 197-207	15
574	New generation of β -cyclodextrin-chitosan nanoparticles encapsulated quantum dots loaded with anticancer drug for tumor-target drug delivery and imaging of cancer cells. 2013 , 15, 1	10
573	Use of solvent mixtures in supercritical antisolvent process to modify precipitates morphology: Cellulose acetate microparticles. 2013 , 83, 153-160	33
572	Ceramic nanocarriers: versatile nanosystem for protein and peptide delivery. 2013 , 10, 241-59	29
571	Microscopy and tunable resistive pulse sensing characterization of the swelling of pH-responsive, polymeric expansile nanoparticles. 2013 , 5, 3496-504	45
570	Multifunctional self-fluorescent polymer nanogels for label-free imaging and drug delivery. 2013 , 49, 297-9	52
569	Types of Nanomaterials and Corresponding Methods of Synthesis. 2013 , 33-82	9
568	Formulation development of albumin based theragnostic nanoparticles as a potential delivery system for tumor targeting. <i>Journal of Drug Targeting</i> , 2013 , 21, 77-86	5-4 31
567	Bioinspired peptides as versatile nucleic acid delivery platforms. 2013 , 167, 323-32	21

566	Volume change of double cross-linked poly(aspartic acid) hydrogels induced by cleavage of one of the crosslinks. 2013 , 9, 5122-31		34
565	Liposomes and nanotechnology in drug development: focus on ocular targets. 2013 , 8, 495-503		88
564	Comparative anti-inflammatory activity of poly(amidoamine) (PAMAM) dendrimer-dexamethasone conjugates with dexamethasone-liposomes. 2013 , 449, 28-36		34
563	Nanoparticles as Drug Delivery Vehicles for the Therapy of Inflammatory Disorders. 2013 , 477-516		
562	Nanotechnology in Orthodontics. 2013 , 231-247		1
561	Cationic nanoparticles disrupt cellular signaling in a cholesterol dependent manner. 2013 , 27, 1277-86		3
560	In vitro antioxidant and antimicrobial activities of Merremia emarginata using thio glycolic acid-capped cadmium telluride quantum dots. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 101, 74-82	6	27
559	The big picture on nanomedicine: the state of investigational and approved nanomedicine products. 2013 , 9, 1-14		714
558	Adhesion, Friction, and Lubrication of Polymeric Nanoparticles and their Applications. 2013 , 617-657		
557	Synthesis of Light-Induced Expandable Photoresponsive Polymeric Nanoparticles for Triggered Release. 2013 , 78, 1273-1281		10
556	Shear flow controlled morphological polydispersity of amphiphilic ABA triblock copolymer vesicles. 2013 , 29, 15704-10		6
555	Recent developments in liposome-based veterinary therapeutics. 2013 , 2013, 167521		18
554	New conceptual Model of Technology Entrepreneurship Process in Nano-food Science based Technological Firms in Science and Technology Parks. 2013 , 3,		1
553	Current status of nanomedicine and nanosurgery. 2013 , 7, 237-42		12
552	Photoresponsive cross-linked polymeric particles for phototriggered burst release. 2013 , 89, 552-9		7
551	Proteins and Carbohydrates as Polymeric Nanodrug Delivery Systems: Formulation, Properties, and Toxicological Evaluation. 2013 , 241-267		6
550	COLLOIDAL STABILITY AND MONODISPERSIBLE MAGNETIC IRON OXIDE NANOPARTICLES IN BIOTECHNOLOGY APPLICATION. 2013 , 12, 1330002		2
549	Tumor-Targeted Nanodrugs for Treatment of Primary Brain Tumors. 2013 , 381-394		

548	Micelles and Liposomes. 2013 , 51-64	2
547	Development of fabrication technique in nano-scale resveratrol by collagen. 2013 , 10, 984	1
546	The use of lipid-based nanocarriers for targeted pain therapies. <i>Frontiers in Pharmacology</i> , 2013 , 4, 143-5.6	111
545	Nanotechnology: Interdisciplinary science of applications. 2013 , 12, 219-226	76
544	Microbubble-mediated ultrasound therapy: a review of its potential in cancer treatment. 2013 , 7, 375-88	124
543	Organic Nanovesicular Cargoes for Sustained Drug Delivery: Synthesis, Vesicle Formation, Controlling Swelling States, and Terfenadine Loading/Release Studies. 2014 , 2014, 1-13	
542	Preparation of Tween 80-Zn/Al-levodopa-layered double hydroxides nanocomposite for drug delivery system. 2014 , 2014, 104246	27
541	In vitro sustained release study of gallic acid coated with magnetite-PEG and magnetite-PVA for drug delivery system. 2014 , 2014, 416354	32
540	Synthesis and Characterization of Cobalt Ferrite Nanoparticles. 2014 , 2, 01	6
539	Applications of Nanotechnology in Cancer: A Literature Review of Imaging and Treatment. 2014 , 05,	12
538	Nanotherapeutics in Cancer Prevention, Diagnosis and Treatment. 2014 ,	10
537	Current nanotechnological strategies for treating glaucoma. 2014 , 31, 365-405	28
536	Tiny technology proves big: a challenge at engineering, medicine and pharmaceutical sciences interface. 2014 , 31, 1-47	5
535	Green synthesis of silver nanoparticles using the mushroom fungus <i>Schizophyllum commune</i> and its biomedical applications. 2014 , 19, 1083-1090	68
534	Polymeric Biomaterials for Medical Diagnostics in the Central Nervous System. 2014 , 373-386	1
533	Multi-Modality Atherosclerosis Imaging and Diagnosis. 2014 ,	13
532	Advances in ophthalmic drug delivery. 2014 , 5, 1297-315	104
531	Polysaccharide-Based Nanosorbents in Water Remediation. 2014 , 79-113	

530	Penetration of silicate nanoparticles into the corneal stroma and intraocular fluids. 2014 , 33, 738-43	10
529	Nanotechnological Contribution to Drug Delivery System: A Reappraisal. 2014 , 05, 194-199	2
528	An emerging interface between life science and nanotechnology: present status and prospects of reproductive healthcare aided by nano-biotechnology. 2014 , 5,	46
527	Interaction of human serum albumin with liposomes of saturated and unsaturated lipids with different phase transition temperatures: a spectroscopic investigation by membrane probe PRODAN. 2014 , 4, 14335-14347	34
526	Haloperidol-loaded intranasally administered lectin functionalized poly(ethylene glycol)-block-poly(D,L)-lactic-co-glycolic acid (PEG-PLGA) nanoparticles for the treatment of schizophrenia. 2014 , 87, 30-9	54
525	Micelle-based activatable probe for in vivo near-infrared optical imaging of cancer biomolecules. 2014 , 10, 187-95	26
524	Anti-neoplastic Applications of Heparin Coated Magnetic Nanoparticles Against Human Ovarian Cancer. 2014 , 24, 551-559	9
523	A highly efficient and recyclable Fe ₃ O ₄ magnetic nanoparticle immobilized palladium catalyst for the direct C-2 arylation of indoles with arylboronic acids. 2014 , 4, 1979-1988	52
522	Novel RNA interference-based therapies for sepsis. 2014 , 14, 419-35	4
521	Novel central nervous system drug delivery systems. 2014 , 83, 507-20	75
520	Preparation methods of alginate nanoparticles. 2014 , 209, 163-71	271
519	Nanoparticles containing insoluble drug for cancer therapy. 2014 , 32, 778-88	100
518	A highly water-dispersible/magnetically separable palladium catalyst based on a Fe ₃ O ₄ @SiO ₂ anchored TEG-imidazolium ionic liquid for the SuzukiMiyaura coupling reaction in water. 2014 , 16, 2587	138
517	The effect of cobalt substitution on magnetic hardening of magnetite. 2014 , 354, 119-124	16
516	Fluorescence resonance energy transfer between ZnSe ZnS quantum dots and bovine serum albumin in bioaffinity assays of anticancer drugs. 2014 , 131, 195-202	13
515	The fate of anticancer drug, ellipticine in DPPC and DMPC liposomes upon interaction with HSA: a photophysical approach. 2014 , 130, 122-31	23
514	Theranostic nanoparticles for cancer and cardiovascular applications. 2014 , 31, 1390-406	31
513	Combinational delivery of hydrophobic and hydrophilic anticancer drugs in single nanoemulsions to treat MDR in cancer. 2014 , 11, 2623-30	78

512	Magnetic nanoparticles: a novel platform for cancer theranostics. <i>Drug Discovery Today</i> , 2014 , 19, 474-818.8	214
511	"Green" functionalization of magnetic nanoparticles via tea polyphenol for magnetic resonance/fluorescent dual-imaging. 2014 , 6, 1305-10	18
510	Core/shell nanoparticles in biomedical applications. 2014 , 209, 8-39	327
509	Laser fluence and exposure time effects on optoacoustic signal from gold nanorods for enhanced medical imaging. 2014 ,	1
508	Near-infrared light triggered photodynamic therapy in combination with gene therapy using upconversion nanoparticles for effective cancer cell killing. 2014 , 6, 9198-205	122
507	Taurine attenuates nano-copper-induced oxidative hepatic damage via mitochondria-dependent and NF- κ B/TNF- α -mediated pathway. 2014 , 3, 474-486	10
506	Carrier systems and biosensors for biomedical applications. 2014 , 270-302	
505	Palladium Supported on Magnetic Core-Shell Nanoparticles: An Efficient and Reusable Catalyst for the Oxidation of Alcohols into Aldehydes and Ketones by Molecular Oxygen. 2014 , 79, 217-222	24
504	Revelation of intertwining organic and inorganic fractal structures in polymer coatings. 2014 , 26, 4504-8	29
503	Polymeric Nanoparticles. 2014 , 117-161	1
502	Synthesis and evaluation of ciprofloxacin-loaded carboxymethyl tamarind kernel polysaccharide nanoparticles. 2014 , 9, 1015-1025	8
501	Silver nanoparticles augment releasing of pyrogenic factors by blood cells stimulated with LPS. 2014 , 9, 1058-1067	3
500	Synthetic micro/nanomotors in drug delivery. 2014 , 6, 10486-94	317
499	The potential of magneto-electric nanocarriers for drug delivery. 2014 , 11, 1635-46	73
498	Novel biodegradable heparin-coated nanocomposite system for targeted drug delivery. 2014 , 4, 13719-13728	21
497	Antiangiogenic effect of silicate nanoparticles on corneal neo-vascularisation induced by vascular endothelial growth factor. 2014 , 8, 14-20	3
496	Polyurethane and polyurea nanoparticles based on polyoxyethylene castor oil derivative surfactant suitable for endovascular applications. 2014 , 461, 1-13	19
495	Recent trends in drug delivery system using protein nanoparticles. 2014 , 70, 17-26	28

494	Respirable nanocarriers as a promising strategy for antitubercular drug delivery. 2014 , 187, 183-97	73
493	Cancer immunotherapy: nanodelivery approaches for immune cell targeting and tracking. 2014 , 2, 105	125
492	Nanoparticles in Confined Structures: Formation and Application. 2014 , 207-233	
491	IntroductionBiointeractions of Nanomaterials: Challenges and Solutions. 2014 , 1-48	4
490	Physicochemical CharacterizationDependent Toxicity of Nanoparticles. 2014 , 73-102	2
489	An Environmentally Friendly and Green Approach for Synthesis and Applications of Silver Nanoparticles. 2014 , 313-327	
488	Applications of Detonation Nanodiamonds. 2014 , 253-280	1
487	Milk Proteins: Drug Delivery Systems. 2015 , 4767-4776	
486	Starch-Based Polymeric Biomaterial: Drug Delivery. 2015 , 575-582	
485	Biomass Derived and Biomass Inspired Polymers in Pharmaceutical Applications. 2015 , 127-203	5
484	A New Frontier for Nanoparticulate Drug Delivery Systems to Improve Drug Targeting and Molecular Pharmacotherapy: Subcellular Bioavailability.. 2015 , 04,	
483	Recent Advances in Liposomal Drug Delivery: A Review. 2015 , 3, 35-55	27
482	Application of Nanotechnology in Pharmaceutical Formulation Design and Development. 2015 , 10, 20-34	15
481	PAMAM Dendrimers as Potential Carriers of Gadolinium Complexes of Iminodiacetic Acid Derivatives for Magnetic Resonance Imaging. 2015 , 2015, 1-11	12
480	Applied Spectroscopy and the Science of Nanomaterials. 2015 ,	1
479	Nanobiotechnology and its applications in drug delivery system: a review. 2015 , 9, 396-400	45
478	Distribution of technetium-99m PEG-liposomes during oligofructose-induced laminitis development in horses. 2015 , 206, 218-25	4
477	A Novel Intranasal Spray Device for the Administration of Nanoparticles to Rodents. 2015 , 9,	2

476	Gold nanoparticle incorporated polymer/bioactive glass composite for controlled drug delivery application. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 126, 280-7	6	29
475	Preparation and characterization of highly water-soluble magnetic Fe ₃ O ₄ nanoparticles via surface double-layered self-assembly method of sodium alpha-olefin sulfonate. 2015 , 384, 213-218		17
474	Bromelain nanoparticles protect against 7,12-dimethylbenz[a]anthracene induced skin carcinogenesis in mouse model. 2015 , 91, 35-46		24
473	Nanotechnology [From a Marine Discovery Perspective. 2015 , 1113-1129		
472	Recent advances in dendrimer-based nanovectors for tumor-targeted drug and gene delivery. <i>Drug Discovery Today</i> , 2015 , 20, 536-47	8.8	256
471	PolymerDrug Conjugates for Targeted Drug Delivery. 2015 , 389-407		5
470	Potential in vitro and in vivo colon specific anticancer activity in a HCT-116 xenograft nude mice model: targeted delivery using enteric coated folate modified nanoparticles. 2015 , 5, 16507-16520		12
469	Protamine-carboxymethyl cellulose magnetic nanocapsules for enhanced delivery of anticancer drugs against drug resistant cancers. 2015 , 11, 969-81		50
468	Design, characterization and in vitro evaluation of novel shell crosslinked poly(butylene adipate)-co-N-succinyl chitosan nanogels containing loteprednol etabonate: A new system for therapeutic effect enhancement via controlled drug delivery. 2015 , 102, 132-42		23
467	Self-healing coatings. 2015 , 211-241		2
466	Functionalized Multiwalled Carbon Nanotubes as Carriers of Ruthenium Complexes to Antagonize Cancer Multidrug Resistance and Radioresistance. 2015 , 7, 14933-45		69
465	Long-Circulating Therapies for Cancer Treatment. 2015 , 433-462		2
464	Titania nanostructures: a biomedical perspective. 2015 , 5, 37149-37171		42
463	Trastuzumab guided nanotheranostics: A lipid based multifunctional nanoformulation for targeted drug delivery and imaging in breast cancer therapy. 2015 , 451, 198-211		33
462	Preyssler heteropolyacid supported on silica coated NiFe ₂ O ₄ nanoparticles for the catalytic synthesis of bis(dihydropyrimidinone)benzene and 3,4-dihydropyrimidin-2(1H)-ones. 2015 , 36, 299-307		31
461	Capsaicin-capped silver nanoparticles: its kinetics, characterization and biocompatibility assay. 2015 , 5, 403-409		17
460	Development of Gd(III) porphyrin-conjugated chitosan nanoparticles as contrast agents for magnetic resonance imaging. 2015 , 52, 325-32		21
459	Advanced targeted therapies in cancer: Drug nanocarriers, the future of chemotherapy. 2015 , 93, 52-79		865

458	Nanoemulsion in Drug Targeting. 2015 , 433-459	6
457	Nanomaterials in Nanomedicine. 2015 , 253-277	1
456	Studies on the Preparation, Characterization and Intracellular Kinetics of JD27-loaded Human Serum Albumin Nanoparticles. 2015 , 102, 590-601	9
455	Dense nanoparticles exhibit enhanced vascular wall targeting over neutrally buoyant nanoparticles in human blood flow. 2015 , 21, 99-108	24
454	Fabrication and in vivo evaluation of Nelfinavir loaded PLGA nanoparticles for enhancing oral bioavailability and therapeutic effect. 2015 , 23, 667-74	30
453	Micelle-assisted combination therapies for effective glioblastoma treatment: an in-vitro assessment. 2015 , 26, 312-22	5
452	Paclitaxel-loaded expansile nanoparticles enhance chemotherapeutic drug delivery in mesothelioma 3-dimensional multicellular spheroids. 2015 , 149, 1417-24; discussion 1424-25.e1	20
451	Multifunctional nanoparticles for use in theranostic applications. <i>Drug Delivery and Translational Research</i> , 2015 , 5, 295-309	6.2 73
450	An Innovative Ultrasound Signal Processing Technique to Selectively Detect Nanosized Contrast Agents in Echographic Images. 2015 , 64, 2136-2145	10
449	Dietary chromium picolinate of varying particle size improves carcass characteristics and insulin sensitivity in finishing pigs fed low- and high-fat diets. 2015 , 55, 454	14
448	An unusual role of folate in the self-assembly of heparin-folate conjugates into nanoparticles. 2015 , 7, 15185-90	20
447	Optical, surface analysis and antibacterial activity of ZnO/TiO ₂ doped cerium oxide nanoparticles. 2015 , 126, 5830-5835	17
446	Delivery systems for siRNA drug development in cancer therapy. 2015 , 10, 1-12	143
445	Effect of the treatment with Achyrocline satureioides (free and nanocapsules essential oil) and diminazene aceturate on hematological and biochemical parameters in rats infected by <i>Trypanosoma evansi</i> . 2015 , 149, 39-46	21
444	Nanomaterials for theranostics: recent advances and future challenges. 2015 , 115, 327-94	883
443	Mesoporous silica nanoparticles in drug delivery and biomedical applications. 2015 , 11, 313-27	720
442	Magnetotactic bacteria for cancer therapy. 2015 , 37, 491-8	18
441	Carbon nanomaterials: multi-functional agents for biomedical fluorescence and Raman imaging. 2015 , 44, 4672-98	202

440	Multifunctional nanoparticle-EpCAM aptamer bioconjugates: a paradigm for targeted drug delivery and imaging in cancer therapy. 2015 , 11, 379-89	82
439	Low-density lipoprotein-mimicking nanoparticles for tumor-targeted theranostic applications. 2015 , 11, 222-31	20
438	Fabrication of Drug Delivery Systems Using Self-Assembled Peptide Nanostructures. 2015 , 91-115	3
437	The encapsulation of flavourzyme in nanoliposome by heating method. 2015 , 52, 2063-72	24
436	Nanoparticulate carrier system: a novel treatment approach for hyperlipidemia. 2016 , 23, 694-709	19
435	Solubilized delivery of paliperidone palmitate by D-alpha-tocopheryl polyethylene glycol 1000 succinate micelles for improved short-term psychotic management. 2016 , 23, 230-7	23
434	Intracellular ROS protection efficiency and free radical-scavenging activity of quercetin and quercetin-encapsulated liposomes. 2016 , 44, 128-34	68
433	Colloidal drug delivery system: amplify the ocular delivery. 2016 , 23, 710-26	61
432	Nanobiomaterials. 2016 , 401-429	3
431	A Molecular Probe for the Detection of Polar Lipids in Live Cells. 2016 , 11, e0161557	26
430	Oxygen-generating nanobiomaterials for the treatment of diabetes. 2016 , 331-353	1
429	Nanotherapeutic Platforms for Cancer Treatment: From Preclinical Development to Clinical Application. 2016 , 813-869	3
428	Engineered nanoparticles as a precise delivery system in cancer therapeutics. 2016 , 397-427	5
427	Role of nanomaterials in clinical dentistry. 2016 , 211-240	1
426	Nanobiomaterials in drug delivery. 2016 , 1-37	10
425	Drug Delivery Approaches for the Treatment of Cervical Cancer. <i>Pharmaceutics</i> , 2016 , 8, 6.4	42
424	Biodegradable polymeric nanoparticles containing gold nanoparticles and Paclitaxel for cancer imaging and drug delivery using photoacoustic methods. 2016 , 7, 4125-4138	25
423	Nanorobot enabled in situ sensing molecular interactions for drug discovery. 2016 ,	1

422	Functional characterization of recombinant human granulocyte colony stimulating factor (hGMCSF) immobilized onto silica nanoparticles. 2016 , 38, 243-9		5
421	Reduced Graphene Oxide Nanosheet for Chemo-photothermal Therapy. 2016 , 32, 2731-6		96
420	"State-of-Art" paper of the Italian Working Group on Atherosclerosis: Preclinical assessment of early coronary atherosclerosis. 2016 , 214, 442-7		10
419	From Diagnosis to Treatment: Clinical Applications of Nanotechnology in Thoracic Surgery. 2016 , 26, 215-28		8
418	Ketorolac tromethamine loaded nanodispersion incorporated into thermosensitive in situ gel for prolonged ocular delivery. 2016 , 506, 57-67		69
417	Nanocrystal for ocular drug delivery: hope or hype. <i>Drug Delivery and Translational Research</i> , 2016 , 6, 399-413	6.2	24
416	Genipin crosslinked soy-whey based bioactive material for atorvastatin loaded nanoparticles: preparation, characterization and in vivo antihyperlipidemic study. 2016 , 6, 93275-93287		9
415	Synthesis of Stable Multifunctional Perfluorocarbon Nanoemulsions for Cancer Therapy and Imaging. 2016 , 32, 10870-10880		53
414	Application of nanoparticle technology in the treatment of Systemic lupus erythematosus. <i>Biomedicine and Pharmacotherapy</i> , 2016 , 83, 1154-1163	7.5	20
413	Ocular Drug Delivery: Advances, Challenges and Applications. 2016 ,		6
412	Nanotechnology for Transcorneal Drug Targeting in Glaucoma: Challenges and Progress. 2016 , 75-99		3
411	Progress of Controlled Drug Delivery Systems in Topical Ophthalmology: Focus on Nano and Micro Drug Carriers. 2016 , 131-163		2
410	The biological activities, chemical stability, metabolism and delivery systems of quercetin: A review. 2016 , 56, 21-38		326
409	Graphene Oxide-Gallic Acid Nanodelivery System for Cancer Therapy. 2016 , 11, 491		42
408	Separation of single nano particles from suspension by using ultrasonic atomization. 2016 ,		
407	Multifunctional SPIO/DOX-loaded A54 Homing Peptide Functionalized Dextran-g-PLGA Micelles for Tumor Therapy and MR Imaging. <i>Scientific Reports</i> , 2016 , 6, 35910	4.9	26
406	Mini-review: fluorescence imaging in cancer cells using dye-doped nanoparticles. 2016 , 6, 65459-65474		37
405	Controllable synthesis of CuFe ₂ O ₄ nanostructures through simple hydrothermal method in the presence of thioglycolic acid. 2016 , 84, 258-262		7

404	Nanocarriers for cancer-targeted drug delivery. <i>Journal of Drug Targeting</i> , 2016 , 24, 179-91	5.4	272
403	Revisiting the role of nanoparticles as modulators of drug resistance and metabolism in cancer. 2016 , 12, 281-9		17
402	Moving Forward: Expected Opportunities for the Development of New Therapeutic Agents Based on Nanotechnologies. 2016 , 295-322		
401	Nanostructured materials functionalized with metal complexes: In search of alternatives for administering anticancer metallodrugs. 2016 , 312, 67-98		146
400	Size Determination of a Liposomal Drug by Small-Angle X-ray Scattering Using Continuous Contrast Variation. 2016 , 32, 772-8		23
399	Polymers with Nano-Encapsulated Functional Polymers. 2016 , 125-154		5
398	Evaluation of magnetic nanoparticles coated by 5-fluorouracil imprinted polymer for controlled drug delivery in mouse breast cancer model. 2016 , 497, 228-38		62
397	Ultra-flexible nanocarriers for enhanced topical delivery of a highly lipophilic antioxidative molecule for skin cancer chemoprevention. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 143, 156-167	6	21
396	Radiopharmaceuticals for Therapy. 2016 ,		35
395	Rational design of liposomal drug delivery systems, a review: Combined experimental and computational studies of lipid membranes, liposomes and their PEGylation. 2016 , 1858, 2334-2352		110
394	Active Protective Coatings. 2016 ,		17
393	Delivery Systems for Self Healing Protective Coatings. 2016 , 157-199		8
392	Nanoparticles as Drug Delivery Vehicles for the Therapy of Inflammatory Disorders. 2016 , 165-204		
391	Introduction. 2016 , 1-13		0
390	Theranostics dye integrated zwitterionic polymer for in vitro and in vivo photothermal cancer therapy. 2016 , 33, 336-344		25
389	In-situ synthesis of polyacrylate grafted carboxymethyl guar gum-carbon nanotube membranes for potential application in controlled drug delivery. 2016 , 74, 13-25		13
388	Nanostructures for protein drug delivery. 2016 , 4, 205-18		76
387	Copper-Mediated Living Radical Polymerization (Atom Transfer Radical Polymerization and Copper(0) Mediated Polymerization): From Fundamentals to Bioapplications. 2016 , 116, 1803-949		347

386	Chemotherapeutic effect of 3, 3'-Diindolylmethane encapsulated chitosan nanoparticles on 7, 12-Dimethylbenz (a) anthracene induced mammary cancer [A dose dependent study. 2017 , 3, 1	2
385	Mechanics of metallic nanoparticles inside lipid nanotubes: Suction and acceptance energies. 2017 , 231, 2540-2553	1
384	Study of specific interactions in inclusion complexes of amine-terminated PAMAM dendrimer/flavonoids by experimental and computational methods. 2017 , 66, 485-494	4
383	SPIONs as Nano-Theranostics Agents. 2017 , 1-44	1
382	Control of shape and size of poly (lactic acid) microspheres based on surfactant and polymer concentration. 2017 , 195, 48-51	8
381	Basic concepts and recent advances in nanogels as carriers for medical applications. 2017 , 24, 539-557	212
380	Nanomedicine. 2017 , 71-92	
379	Nanomedicine in coronary artery disease. 2017 , 69, 244-251	16
378	Stimuli-responsive liposome and control release drug. 2017 , 887-917	2
377	Hyaluronan-Inorganic Nanohybrid Materials for Biomedical Applications. 2017 , 18, 1677-1696	54
376	Polymer Nanocomposites for Adhesive, Coating, and Paint Applications. 2017 , 173-204	
375	ECM Mechano-Sensing Regulates Cytoskeleton Assembly and Receptor-Mediated Endocytosis of Nanoparticles. 2017 , 3, 1586-1594	12
374	Preparation of wormlike polymeric nanoparticles coated with silica for delivery of methotrexate and evaluation of anticancer activity against MCF7 cells. 2017 , 31, 1305-1316	43
373	Recent progress and advances in redox-responsive polymers as controlled delivery nanoplatfoms. 2017 , 1, 807-822	93
372	In silico-in vitro-in vivo studies of experimentally designed carvedilol loaded silk fibroin-casein nanoparticles using physiological based pharmacokinetic model. 2017 , 96, 403-420	13
371	Nanoengineered strategies for siRNA delivery: from target assessment to cancer therapeutic efficacy. <i>Drug Delivery and Translational Research</i> , 2017 , 7, 346-358	6.2 19
370	Design of novel chemotherapeutic delivery systems for colon cancer therapy based on oral polymeric nanoparticles. 2017 , 8, 29-47	13
369	Optical and Magnetic Resonance Imaging Using Fluorous Colloidal Nanoparticles. 2017 , 18, 103-112	22

368	Modified mesoporous silica nanoparticles for enhancing oral bioavailability and antihypertensive activity of poorly water soluble valsartan. 2017 , 99, 152-160	42
367	The role of nanotechnology in the treatment of viral infections. 2017 , 4, 105-131	154
366	Aggregation-induced emission active luminescent polymeric nanoparticles: Non-covalent fabrication methodologies and biomedical applications. 2017 , 9, 145-160	135
365	Acid-sensitive lipidated doxorubicin prodrug entrapped in nanoemulsion impairs lung tumor metastasis in a breast cancer model. 2017 , 12, 1751-1765	22
364	Nanoparticles-shape influenced high-efficient degradation of dyes: Comparative evaluation of nano-cubes vs nano-rods vs nano-spheres. 2017 , 242, 958-965	21
363	Non-invasive strategies for targeting the posterior segment of eye. 2017 , 530, 326-345	32
362	Self-Assembly of Calix[4]arene-Based Amphiphiles Bearing Polyethylene Glycols: Another Example of "Platonic Micelles". 2017 , 33, 9122-9128	15
361	Hierarchical Structures Formed by Flexible Dendrimeric Molecules Based on Gallic Acid. 2017 , 218, 1700316	1
360	Current prospects and challenges of nanomedicine delivery in prostate cancer therapy. 2017 , 12, 2675-2692	9
359	Tumor targeting by lentiviral vectors combined with magnetic nanoparticles in mice. 2017 , 59, 303-316	22
358	Modern progress and future challenges in nanocarriers for probe applications. 2017 , 86, 235-250	7
357	Study on release of naproxen and metformin encapsulated in biopolymer-inorganic mesoporous matrices as controlled drug-delivery systems. 2017 , 244, 291-300	8
356	Drug delivery to the human and mouse uterus using immunoliposomes targeted to the oxytocin receptor. 2017 , 216, 283.e1-283.e14	41
355	Anti-inflammatory, analgesic and anti-tumor properties of gold nanoparticles. 2017 , 69, 119-129	43
354	One-Pot Synthesis of 1,4-Dihydropyridine Derivatives Catalyzed by Silica-Coated Magnetic NiFe ₂ O ₄ Nanoparticles-Supported H14[NaP5W30O110]. 2017 , 87, 2922-2929	8
353	Therapeutic nanomedicine surmounts the limitations of pharmacotherapy. 2017 , 12, 271-287	9
352	The Application, Neurotoxicity, and Related Mechanism of Silica Nanoparticles. 2017 , 227-257	5
351	Nanosized devices as antibiotics and antifungals delivery: past, news, and outlook. 2017 , 697-748	3

350	Current aspects of breast cancer therapy and diagnosis based on a nanocarrier approach. 2017 , 749-774	1
349	Antimicrobial Photodynamic Therapy (APDT) Action Based on Nanostructured Photosensitizers. 2017 , 9-29	4
348	Clinical Application of MicroRNAs in Liver Diseases. 2017 , 93-133	
347	Development and In Vitro Evaluation of Liposomes Using Soy Lecithin to Encapsulate Paclitaxel. 2017 , 2017, 8234712	30
346	6.19 Biomaterials for Central Nervous System Regeneration. 2017 , 321-333	1
345	The nanoparticle protein corona formed in human blood or human blood fractions. 2017 , 12, e0175871	112
344	Molecular recognition of glyconanoparticles by RCA and E. coli K88 - designing transports for targeted therapy. 2017 , 64, 671-677	5
343	Adding biological function to nonbiological nanoparticles. 2017 , 497-534	1
342	Lipid-based nanobiomaterials. 2017 , 125-133	
341	Killing malignant melanoma cells with protoporphyrin IX-loaded polymersome-mediated photodynamic therapy and cold atmospheric plasma. 2017 , 12, 4117-4127	22
340	Polymeric Biomaterial and Lipid Based Nanoparticles for Oral Drug Delivery. 2017 , 24, 2423-2438	14
339	A novel biocompatible zwitterionic polyurethane with AIE effect for cell imaging in living cells.. 2018 , 8, 6798-6804	8
338	Biodistribution of colloidal gold nanoparticles after intravenous injection: Effects of PEGylation at the same particle size. 2018 , 29, 205-215	18
337	Progress in the synthesis of Ag nanoparticles having manifold geometric forms. 2018 , 38, 21-42	3
336	Combinational drug delivery using nanocarriers for breast cancer treatments: A review. 2018 , 106, 2272-2283	28
335	DNA Nanotubes with Hydrophobic Environments: Toward New Platforms for Guest Encapsulation and Cellular Delivery. 2018 , 7, e1701049	18
334	Mass and Energy Balances for Systems with Nanoparticles. 2018 , 179-213	
333	Mass and Energy Balances. 2018 ,	0

332	Recent trends of nanomedicinal approaches in clinics. 2018 , 538, 263-278	48
331	Assessment of biotoxicity of Cu nanoparticles with respect to probiotic strains of microorganisms and representatives of the normal flora of the intestine of broiler chickens. 2018 , 25, 15765-15773	12
330	Nanotherapeutic systems for local treatment of brain tumors. 2018 , 10, e1479	39
329	Physicochemical interactions among Oleostearic acid-loaded liposomes applied to the development of drug delivery systems. 2018 , 1154, 248-255	6
328	Potential of Cationic-Polymeric Nanoparticles for Oral Delivery of Naringenin: In Vitro and In Vivo Investigations. 2018 , 107, 706-716	20
327	Efficiency of resveratrol-loaded sericin nanoparticles: Promising bionanocarriers for drug delivery. 2018 , 537, 48-56	49
326	Nanoparticulate drug-delivery systems for oral cancer treatment. 2018 , 355-370	2
325	Simple and green synthesis of CuFe ₂ O ₄ @TiO ₂ nanocomposite using some natural extracts: photo-degradation and magnetic study of nanoparticles. 2018 , 29, 4689-4703	16
324	Enhanced anticancer effect of fabricated gallic acid/CdS on the rGO nanosheets on human glomerular mesangial (IP15) and epithelial proximal (HK2) kidney cell lines - Cytotoxicity investigations. 2018 , 178, 243-248	10
323	Biosynthesis and Potential Applications of Silver and Gold Nanoparticles and Their Chitosan-Based Nanocomposites in Nanomedicine. 2018 , 2018, 1-13	42
322	Carrier Based Oral Nano Drug Delivery Framework: A Review. 2018 , 3, 75-85	7
321	Electrospun Patch Functionalized with Nanoparticles Allows for Spatiotemporal Release of VEGF and PDGF-BB Promoting In Vivo Neovascularization. 2018 , 10, 44344-44353	19
320	Applications of magnetic and multiferroic core/shell nanostructures and their physical properties. 2018 , 85, 29-35	1
319	Palladium(II) anchored on polydopamine coated-magnetic nanoparticles (Fe ₃ O ₄ @PDA@Pd(II)): A heterogeneous and core-shell nanocatalyst in Buchwald-Hartwig C-N cross coupling reactions. 2018 , 156, 64-71	23
318	A REVIEW ON APPLICATIONS OF NANOTECHNOLOGY IN COSMETICS. 2018 , 9, 1-4	2
317	Preparation of chitosan-Epigallocatechin-3-O-gallate nanoparticles and their inhibitory effect on the growth of breast cancer cells. 2018 , 11, 1850018	3
316	Synthesis and self-assembly of stearic acid-poly (ethylene glycol) block copolymer. 2018 , 397, 012017	1
315	Dendrimers as Drug Nanocarriers: The Future of Gene Therapy and Targeted Therapies in Cancer. 2018 ,	10

314	Nanomedical Applications of Nanoparticles for Blood Coagulation Disorders. 2018 , 243-277	32
313	Novel analytical methods to assess the chemical and physical properties of liposomes. 2018 , 1091, 14-20	11
312	Chitosan based copolymer-drug conjugate and its protein targeted polyelectrolyte complex nanoparticles to enhance the efficiency and specificity of low potency anticancer agent. 2018 , 92, 393-406	15
311	Effects and Mechanism of Nano-Copper Exposure on Hepatic Cytochrome P450 Enzymes in Rats. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3 31
310	Recent Trends in Biomedical and Pharmaceutical Industry Due to Engineered Nanomaterials. 2018 , 499-519	1
309	The Magnetic Nanobased Strategies to Overcome Drug Resistance in Breast Cancer Therapy. 2018 , 577-586	2
308	Smart Drug-Delivery Systems for Cancer Nanotherapy. 2018 , 19, 339-359	38
307	Nano-Medicine as a Newly Emerging Approach to Combat Human Immunodeficiency Virus (HIV). 2018 , 6, 17-27	57
306	Hydrogel-Based Drug Delivery Nanosystems for the Treatment of Brain Tumors. 2018 , 4,	51
305	Electrochemically Enhanced Drug Delivery Using Polypyrrole Films. 2018 , 11,	34
304	Cytotoxic and Antitumor Activity of Liposomal Silibinin. 2018 , 8, 971-976	4
303	The use of nanotechnology in cardiovascular disease. 2018 , 8, 1607-1619	48
302	Amphiphilic block copolymers based micelles for drug delivery. 2018 , 365-400	3
301	Preparation and evaluation of paclitaxel and Brucea javanica oil core-matched nanoemulsions to treat cancer in vitro and in vivo. 2018 , 10, 310-317	3
300	Sterile dosage forms loaded nanosystems for parenteral, nasal, pulmonary and ocular administration. 2018 , 335-395	1
299	Erlotinib loaded chitosan nanoparticles: Formulation, physicochemical characterization and cytotoxic potential. 2019 , 139, 1304-1316	26
298	Application of Nanotechnology in Diagnosis, Drug Dissolution, Drug Discovery, and Drug Carrier. 2019 , 449-475	2
297	Efficient nanocarriers of siRNA therapeutics for cancer treatment. 2019 , 214, 62-91	49

296	Enhanced Allicin Cytotoxicity on HEPG-2 Cells Using Glycyrrhetic Acid Surface-Decorated Gelatin Nanoparticles. 2019 , 4, 11293-11300	28
295	Dendrimer as a platform for drug delivery in the skin. 2019 , 331-367	2
294	Single crystals and nanoparticles of Zn(II) supramolecular compounds via sonochemical method: Synthesis, characterization and structural studies. 2019 , 496, 118995	1
293	Photodynamic effect of Zirconium phosphate biocompatible nano-bilayers containing methylene blue on cancer and normal cells. <i>Scientific Reports</i> , 2019 , 9, 14899	4-9 17
292	Combination Therapy Strategies for the Treatment of Malaria. 2019 , 24,	38
291	Drug Delivery Systems for Diabetes Treatment. 2019 , 25, 166-173	13
290	Alginate Nanoparticles for Drug Delivery and Targeting. 2019 , 25, 1312-1334	79
289	Biocompatible Polymer Nanoparticles for Drug Delivery Applications in Cancer and Neurodegenerative Disorder Therapies. 2019 , 10,	170
288	Applications of Cellulose-based Materials in Sustained Drug Delivery Systems. 2019 , 26, 2485-2501	65
287	Click-Engineered, Bioresponsive, and Versatile Particle-Protein-Dye System. 2019 , 2, 3183-3193	2
286	Bioresponse Inspired Nanomaterials for Targeted Drug and Gene Delivery. 2019 , 7, 220-233	32
285	Next-generation nanotheranostics targeting cancer stem cells. 2019 , 14, 2487-2514	10
284	A Robust and General Approach to Quantitatively Conjugate Enzymes to Plasmonic Nanoparticles. 2019 , 35, 13356-13363	4
283	Peptide-Based Drug-Delivery Systems in Biotechnological Applications: Recent Advances and Perspectives. 2019 , 24,	100
282	Optimization of Protein-Protein Interaction Measurements for Drug Discovery Using AFM Force Spectroscopy. 2019 , 18, 509-517	1
281	Synthesis, Characterization, and Applications of Metal Nanoparticles. 2019 , 527-612	49
280	Nanocarrier-mediated co-delivery systems for lung cancer therapy: recent developments and prospects. 2019 , 17, 1565-1583	10
279	Cationic micelle: A promising nanocarrier for gene delivery with high transfection efficiency. 2019 , 21, e3101	34

278	Targeting Ca signalling through phytomolecules to combat cancer. 2019 , 146, 104282	5
277	One-Pot Synthesis of Polyhydroquinolines Catalyzed by ZnCl ₂ Supported on Nano Fe ₃ O ₄ @SiO ₂ . 2019 , 51, 301-309	35
276	Orally delivered nanoparticle drug-delivery systems for dental applications and their systemic toxicity. 2019 , 595-616	
275	Techniques and Software Used in 3D Printing for Nanomedicine Applications. 2019 , 23-41	3
274	Combinatorial Library of Light-Cleavable Lipidoid Nanoparticles for Intracellular Drug Delivery. 2019 , 5, 2391-2398	9
273	Nanotechnology in orthodontics: The past, present, and a perspective of the future. 2019 , 279-298	1
272	Drug-coated nanoparticles: the magic bullets for threatening diseases, with special reference to tuberculosis. 2019 , 41-85	
271	PLGA scaffolds: building blocks for new age therapeutics. 2019 , 155-201	2
270	Threatening cancer with nanoparticle aided combination oncotherapy. 2019 , 301, 76-109	95
269	Effects of D-α-tocopherol polyethylene glycol succinate-emulsified poly(lactic-co-glycolic acid) nanoparticles on the absorption, pharmacokinetics, and pharmacodynamics of salinomycin sodium. 2019 , 30, 72-80	1
268	Recent advances in nanotechnology for the treatment of metabolic syndrome. 2019 , 13, 1561-1568	9
267	Fabrication of novel PHB-liposome nanoparticles and study of their toxicity in vitro. 2019 , 21, 1	8
266	Biomimetic Hydroxyapatite a Potential Universal Nanocarrier for Cellular Internalization & Drug Delivery. 2019 , 36, 60	15
265	Statistical Analyses of Inverse Miniemulsion Acrylic Acid Polymerizations for Encapsulation of Hydrophilic Compounds. 2019 , 383, 1800060	
264	Raman Green Spectroscopy for Ultrasensitive Analyte Detection. 2019 , 165-190	
263	Multifunctionalized Ferri-liposomes for Hyperthermia Induced Glioma Targeting and Brain Drug Delivery. 2019 , 1-16	
262	Nanoemulsions as Effective Carriers for the Treatment of Lung Cancer. 2019 , 217-247	15
261	Pathogenicity and Drug Resistance of Human Pathogens. 2019 ,	1

260	Novel Drug Delivery Technologies. 2019 ,		2
259	Recent advances in the delivery of disulfiram: a critical analysis of promising approaches to improve its pharmacokinetic profile and anticancer efficacy. 2019 , 27, 853-862		11
258	Size effects on rotational particle diffusion in complex fluids as probed by Magnetic Particle Nanorheology. 2019 , 21, 26525-26539		8
257	Chemical composition of clove bud oil and development of clove bud oil loaded niosomes against three larvae species. 2019 , 137, 102-108		13
256	Elemental silver nano-sized crystals: various geometric forms and their specific growth parameters. 2019 , 25, 54-75		2
255	Hypericin photodynamic activity in DPPC liposome. PART I: biomimetism of loading, location, interactions and thermodynamic properties. 2019 , 190, 118-127		20
254	Protective efficacy of crocetin and its nanoformulation against cyclosporine A-mediated toxicity in human embryonic kidney cells. 2019 , 216, 39-48		4
253	Nanotheranostics for Cancer Applications. 2019 ,		2
252	Increasing bioavailability of very poorly water-soluble compounds. A case study of an anti-tumor drug, soloxolon methyl. <i>Journal of Drug Delivery Science and Technology</i> , 2019 , 49, 35-42	4-5	3
251	Nanotechnology-Ocular Devices for Glaucoma Treatment: A Literature Review. 2019 , 44, 111-117		7
250	Recent Advances in Development of Nano Drug Delivery. 2019 , 93-131		16
249	Lysozyme-Based Composite Drug Preparations for Inhalation Administration. 2019 , 9, 131-140		2
248	Cell-Line-Based Studies of Nanotechnology Drug-Delivery Systems. 2019 , 375-393		4
247	<i>Pistacia integerrima</i> gall extract mediated green synthesis of gold nanoparticles and their biological activities. 2019 , 12, 2310-2319		42
246	Synthesis of silver nanoparticles with different shapes. 2019 , 12, 1823-1838		189
245	Therapeutic Strategies for Erectile Dysfunction With Emphasis on Recent Approaches in Nanomedicine. 2020 , 19, 11-24		1
244	Preparation, characterization and in vitro cytotoxicity of Fenofibrate and Nabumetone loaded solid lipid nanoparticles. 2020 , 106, 110184		23
243	Recent advances in the development of nanoparticles for multimodality imaging and therapy of cancer. 2020 , 40, 909-930		18

242	Effects of cartilage-targeting moieties on nanoparticle biodistribution in healthy and osteoarthritic joints. 2020 , 101, 469-483	29
241	Advances in nanotechnology-based delivery systems for EGFR tyrosine kinases inhibitors in cancer therapy. 2020 , 15, 26-41	18
240	Interaction of aliphatic amino acids with zwitterionic and charged lipid membranes: hydration and dehydration phenomena. 2020 , 22, 3234-3244	6
239	AB2-type amphiphilic block copolymer containing a pH-cleavable hydrazone linkage for targeted antibiotic delivery. 2020 , 575, 118948	16
238	Dynamic cerebral perfusion parameters and magnetic nanoparticle accumulation assessed by AC biosusceptometry. 2020 , 65, 343-351	1
237	Significance of drug reprofiling and metabolic engineering in drug synthesis. 2020 , 287-301	
236	The effect of ZnSe Core/shell on the properties of the window layer of the solar cell and its applications in solar energy. 2020 , 6, 447-458	1
235	An Gelling System Based on Methylcellulose and Tranilast Solid Nanoparticles Enhances Ocular Residence Time and Drug Absorption Into the Cornea and Conjunctiva. 2020 , 8, 764	13
234	A brief review on solid lipid nanoparticles: part and parcel of contemporary drug delivery systems.. 2020 , 10, 26777-26791	119
233	Sustainable technologies for liposome preparation. 2020 , 165, 104984	74
232	Improving wood durability against <i>G. Trabeum</i> and <i>C. versicolor</i> using starch based antifungal coating from <i>Dioscorea hispida</i> sp.. 2020 , 115, 242-250	2
231	Naringenin loaded multifunctional nanoparticles to enhance the chemotherapeutic efficacy in hepatic fibrosis. 2020 , 22, 68	7
230	Highlights in Mesoporous Silica Nanoparticles as a Multifunctional Controlled Drug Delivery Nanoplatfrom for Infectious Diseases Treatment. 2020 , 37, 191	24
229	Exploring Endolysin-Loaded Alginate-Chitosan Nanoparticles as Future Remedy for Staphylococcal Infections. 2020 , 21, 233	12
228	Economic Analysis of a New Business for Liposome Manufacturing Using a High-Pressure System. <i>Processes</i> , 2020 , 8, 1604	2.9 2
227	Nanomaterials with active targeting as advanced antimicrobials. 2020 , 12, e1636	13
226	Protein and mRNA Delivery Enabled by Cholesteryl-Based Biodegradable Lipidoid Nanoparticles. 2020 , 59, 14957-14964	23
225	Core-shell hybrid nanoparticles: Production and application in agriculture and the environment. 2020 , 21-32	2

224	An Overview of Properties and Analytical Methods for Lycopene in Organic Nanocarriers. 2021 , 51, 674-686	6
223	Protein and mRNA Delivery Enabled by Cholesteryl-Based Biodegradable Lipidoid Nanoparticles. 2020 , 132, 15067-15074	5
222	Phytonanomedicine: a novel avenue to treat recurrent cancer by targeting cancer stem cells. <i>Drug Discovery Today</i> , 2020 , 25, 1307-1321	8.8 7
221	Polymeric vehicles for nucleic acid delivery. 2020 , 156, 119-132	39
220	Size-Controlled Preparation and Behavior Study of Phospholipid-Calcium Carbonate Hybrid Nanoparticles. 2020 , 15, 4049-4062	25
219	Effect of Phase Transitions in Polymer Solutions on the Magnetic Response of Embedded Nanoparticles. 2020 , 2, 2676-2685	2
218	Selected nanotechnologies and nanostructures for drug delivery, nanomedicine and cure. 2020 , 43, 1339-1357	20
217	Functionalized Single-Walled Carbon Nanotubes and Nanographene Oxide to Overcome Antibiotic Resistance in Tetracycline-Resistant Escherichia coli. 2020 , 3, 3910-3921	5
216	Development of a Pemetrexed/Folic Acid Nanoformulation: Synthesis, Characterization, and Efficacy in a Murine Colorectal Cancer Model. 2020 , 5, 15424-15432	1
215	Nanoformulations for Ocular Delivery of Drugs - A Patent Perspective. 2019 , 13, 255-272	2
214	Nanophytomedicine Based Novel Therapeutic Strategies in Liver Cancer. 2020 , 20, 1999-2024	3
213	Papain grafted into the silica coated iron-based magnetic nanoparticles 'IONPs@SiO-PPN' as a new delivery vehicle to the HeLa cells. 2020 , 31, 195603	7
212	Development of Novel Galactosylated PLGA Nanoparticles for Hepatocyte Targeting Using Molecular Modelling. 2020 , 12,	3
211	Nanocargos: A Burgeoning Quest in Cancer Management. 2020 , 10, 149-163	1
210	Magnetic nanoparticles for amalgamation of magnetic hyperthermia and chemotherapy: An approach towards enhanced attenuation of tumor. 2020 , 110, 110695	19
209	Topical Delivery of Meloxicam using Liposome and Microemulsion Formulation Approaches. <i>Pharmaceutics</i> , 2020 , 12,	6.4 13
208	Sericin and fibroin nanoparticles—natural product for cancer therapy: a comprehensive review. 2021 , 70, 256-269	11
207	Biosynthesis of polyglutamic acid (EPGA), a biodegradable and economical polyamide biopolymer for industrial applications. 2021 , 681-688	

206	Development and optimization of a new hybrid chitosan-grafted graphene oxide/magnetic nanoparticle system for theranostic applications. 2021 , 322, 114515	18
205	Plant-derived silica nanoparticles and composites for biosensors, bioimaging, drug delivery and supercapacitors: a review. 2020 , 19, 1-25	29
204	A bird's eye view of the advanced approaches and strategies for overshadowing triple negative breast cancer. 2021 , 330, 72-100	5
203	Intercalation of curcumin into liposomal chemotherapeutic agent augments apoptosis in breast cancer cells. 2021 , 35, 1005-1018	15
202	Targeted nanomedicines for the treatment of bone disease and regeneration. 2021 , 41, 1221-1254	7
201	Nanomedicine in pulmonary delivery. 2021 , 319-354	2
200	Flavonoids nanoparticles in cancer: Treatment, prevention and clinical prospects. 2021 , 69, 200-211	54
199	Non-invasive multimodal imaging of Diabetic Retinopathy: A survey on treatment methods and Nanotheranostics. 2021 , 5, 166-181	2
198	Current Therapies and Future Prospects. 2021 , 306-318	
197	Tailor-made cyclodextrin-based nanomaterials as drug carriers. 2021 , 155-200	0
196	Nanotechnology and its application: a review. 2021 , 1-33	8
195	Nanoformulations of old and new antimalarial drugs. 2021 , 191-216	
194	Microorganism-mediated drug delivery. 2021 , 15-38	
193	Hydrogels: Biomaterials for Sustained and Localized Drug Delivery. 2021 , 211-252	
192	In Vitro Applications of Nanoparticles. 2021 , 41-69	
191	Effect of NDDS on Polyherbal Formulation. 2021 , 106-148	
190	Role of Nanostructured Materials in Health and Medicine. 2021 , 310-329	1
189	Mushroom Nanobiotechnology: Concepts, Developments and Potentials. 2021 , 257-285	

188	A review on nanotechnology and its application in modern veterinary science. 2021 , 026-031	1
187	Clarithromycin Loaded Chitosan Nanoparticles: Development and Characterization. 2021 , 4, 55-71	
186	Augmented cytotoxicity using the physical adsorption of Poloxamer 188 on allicin-loaded gelatin nanoparticles. 2021 , 73, 664-672	2
185	Development of a D-BPE method based on curcumin-modified magnetic reduced graphene oxide nanocomposite for the determination of Trichostatin A in a biological sample. 1-16	0
184	Cancer Therapy Using a Targeted Magnetoliposomes Encapsulated Doxorubicin Assisted Ultrasound. 1-8	2
183	Role of model organisms and nanocompounds in human health risk assessment. 2021 , 193, 285	2
182	Challenges in the Physical Characterization of Lipid Nanoparticles. <i>Pharmaceutics</i> , 2021 , 13,	6.4 16
181	Preclinical models and technologies to advance nanovaccine development. 2021 , 172, 148-182	3
180	Nanocarrier-based drug delivery systems for bone cancer therapy: a review. 2021 , 16,	1
179	Bio-Nanocarriers for Lung Cancer Management: Befriending the Barriers. 2021 , 13, 142	4
178	Preclinical Cancer Theranostics From Nanomaterials to Clinic: The Missing Link. 2021 , 31, 2104199	3
177	Development of AE147 Peptide-Conjugated Nanocarriers for Targeting uPAR-Overexpressing Cancer Cells. 2021 , 16, 5437-5449	3
176	Lutein transport systems loaded with rice protein-based self-assembled nanoparticles. 2021 , 42, 101061	7
175	Celecoxib repurposing in cancer therapy: molecular mechanisms and nanomedicine-based delivery technologies. 2021 , 16, 1691-1712	2
174	A mini-review of Nanocarriers in drug delivery systems Nanocarriers in drug delivery systems.	0
173	New approach to develop functionalized polyelectrolyte tube using bacteria as template. 51687	1
172	Corona protein impacts on alternating current biosusceptometry signal and circulation times of differently coated MnFeO nanoparticles. 2021 , 16, 2189-2206	1
171	Liposomes: Structure, Biomedical Applications, and Stability Parameters With Emphasis on Cholesterol. 2021 , 9, 705886	35

170	Approaches to modelling the shape of nanocrystals. 2021 , 8, 26		3
169	The Role of Nanotechnology in Antiviral Regime: An Overview. 2130011		1
168	Controlled Delivery and Reduced Side Effects of Anticancer Drugs Complexed with Polymeric Nanocarrier. 2022 , 119-147		0
167	Synthesis of nano graphene for saving energy in water desalination. 2021 , 4, 100162		1
166	Recent progress in micro and nano-encapsulation of bioactive derivatives of the Brazilian genus Pterodon. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 143, 112137	7.5	3
165	Prominent absorption and luminescence characteristics of novel silver-cinnamon core-shell nanoparticles prepared in ethanol using PLAL method. 2022 , 190, 109794		0
164	Conclusion, Outlook, Future Aspects, and Utilization of Functional Bio-engineered Materials. 2021 , 429-438		
163	Nanobiosensing Electronics and Nanochemistry for Biosensor Packaging. 2021 , 317-348		
162	Impact of environmental changes on life and environmental health. 2021 , 1-12		
161	Innovative nanotools for vascular drug delivery: the atherosclerosis case study. 2021 , 9, 8558-8568		1
160	Interaction of Dendrimers with Model Lipid Membranes Assessed by DSC and Raman Spectroscopy. 2006 , 207-220		6
159	Engineering Multifunctional Nanomedicine Platforms for Drug Delivery and Imaging. 2019 , 319-344		2
158	Introduction to Nanotechnology with Special Reference to Ophthalmic Delivery. 2016 , 1-8		2
157	Intraocular Drug Delivery Technologies: Advancing Treatment of Posterior Segment Disorders of the Eye. 2016 , 407-460		3
156	Systems Biology and Nanotechnology. 2008 , 1411-1433		1
155	Surface Reactivity of Manufactured Nanoparticles. 2011 , 269-290		4
154	Ophthalmic and Otic Drug Administration: Novel Approaches and Challenges. 2019 , 335-381		13
153	Role of Nanoparticles and Nanomaterials in Drug Delivery: An Overview. 2020 , 247-265		10

152	Comparison of Diafiltration and Tangential Flow Filtration for Purification of Nanoparticle Suspensions. 2005 , 22, 2152	1
151	Nucleic acid nanotechnology for cancer treatment. 2020 , 1874, 188377	16
150	Nanotechnology and primary hemostasis: Differential effects of nanoparticles on platelet responses. 2018 , 101, 1-8	26
149	Pharmaceutical Excipient Development & Preclinical Challenge. 2006 , 15-36	4
148	Prospective Corollary of Ophthalmic Nanomedicine. 2013 , 317-336	1
147	Surface functionalization of gold nanoparticles using hetero-bifunctional poly(ethylene glycol) spacer for intracellular tracking and delivery. 2006 , 1, 51-7	162
146	Perspective on Nanoparticle Technology for Biomedical Use. 2016 , 22, 2481-90	50
145	Functional Nanomaterials for the Detection and Control of Bacterial Infections. 2019 , 19, 2449-2475	5
144	Drug Delivery Using Theranostics: An Overview of its Use, Advantages and Safety Assessment. 2020 , 16, 3-14	8
143	Current Insights for the Management of Acne in the Modern Era. 2020 , 15, 3-29	2
142	Cancer Therapy Based on Smart Drug Delivery with Advanced Nanoparticles. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019 , 19, 720-730	2.2 3
141	Recent Patents, Formulation Techniques, Classification and Characterization of Liposomes. 2019 , 13, 17-27	18
140	Nanotechnology Based Delivery Systems of Drugs Currently Used to Treat Alzheimer's Disease. 2020 , 10, 228-247	3
139	Biodistribution and excretion of colloidal gold nanoparticles after intravenous injection: Effects of particle size. 2017 , 28, 315-323	35
138	Cyclodextrin Based Nanoparticles for Drug Delivery and Theranostics. 2020 , 10, 166-183	37
137	Study on the Synthesis and Properties of Superparamagnetic Monodisperse Fe ₃ O ₄ Nanoparticles. 2009 , 24, 727-731	2
136	PREPARATION OF WELL-DEFINED AND DEGRADABLE ALDEHYDE-FUNCTIONALIZED GLYCOPOLYMERIC NANOSPHERES. 2012 , 012, 818-824	3
135	Novel Modified Nanosystem Based Lymphatic Targeting. 2011 , 1, 60-74	23

134	Nanotechnology: A Tool to Enhance Therapeutic Values of Natural Plant Products. 2012 , 7, 34-42	37
133	The interactions between CdTe quantum dots and proteins: understanding nano-bio interface. 2017 , 4, 209-222	11
132	PLGA-loaded nanomedicines in melanoma treatment: Future prospect for efficient drug delivery. 2016 , 144, 181-193	11
131	Nanotechnology in neurology: Genesis, current status, and future prospects. 2015 , 18, 382-6	9
130	Biosynthesis, Characterization, and Biological Activities of Iron Nanoparticles using Seeds Extract. 2017 , 13, S33-S36	6
129	<i>Balanites aegyptiaca&/i> Oil Synthesized Iron Oxide Nanoparticles: Characterization and Antibacterial Activity. 2016 , 07, 154-165	4
128	Echographic imaging of tumoral cells through novel nanosystems for image diagnosis. 2014 , 6, 459-70	12
127	Selection of a suitable method for the preparation of polymeric nanoparticles: multi-criteria decision making approach. 2015 , 5, 57-67	23
126	Hydratation of erythrocyte membranes and their interaction with ultrafine silica. 2006 , 22, 56-62	2
125	PLGA-based nanoparticles as cancer drug delivery systems. 2014 , 15, 517-35	255
124	Nano-oncology: Clinical Application for Cancer Therapy and Future Perspectives. 2021 , 49-95	
123	Emerging Protein and Peptide-Based Nanomaterials for Cancer Therapeutics. 2021 , 161-187	1
122	Formulation and Evaluation of Hydrogels containing Liposomes Entrapped with Antifungal Agent. 2021 , 4947-4950	
121	One-Step and Facile Synthesis of Poly(phenylalanine) as a Robust Drug Carrier for Enhanced Cancer Therapy. 2021 , 13, 49658-49670	0
120	Role of nanotechnology in animal production and veterinary medicine. 2021 , 53, 508	1
119	Nanotechnology. 2005 , 182-185	
118	Nanoparticle Interface. 2006 ,	
117	Nanogold in Cancer Therapy and Diagnosis.	

- 116 Inorganic Nanostructures for Drug Delivery. **2008**, 217-234
- 115 Suitability of Nanoparticles for Stent Application. **2009**, 2339-2342 0
- 114 Pegylation: Camouflage of Proteins, Cells, and Nanoparticles Against Recognition by the Body's Defense Mechanism. 1 0
- 113 Nanomedicine. **2012**, 1-41
- 112 Nanomedicines Impacts in Ocular Delivery and Targeting. **2012**, 55-118
- 111 STUDY OF DIFFERENT PROPERTIES AND APPLICATIONS OF POLY LACTIC-CO-GLYCOLIC ACID (PLGA) NANOTECHNOLOGY: AN OVERVIEW. **2012**, 49, 5-22 16
- 110 Molecular Imaging of Inflammation and Intraplaque Vasa Vasorum. **2014**, 299-316
- 109 Nano-Sized Polymeric Drug Carrier Systems. **2014**, 81-141
- 108 NANOMEDICINA. **2015**, 83-108
- 107 Nanotechnology for the Management of Respiratory Disease. **2015**, 192-204
- 106 Medical Physics: Molecular Aspects. *Ukrainian Journal of Physics*, **2015**, 60, 892-904 0.4
- 105 Starch-Based Polymeric Biomaterial: Drug Delivery. 7537-7543
- 104 Nanosystem in Ocular Bioenvironment. **2016**, 535-553
- 103 Toxicological Concerns Related to Nanoscale Drug Delivery Systems. **2016**, 541-561
- 102 Suggestion of separation and recollection method of nano particles from suspension by using ultrasonic atomization. **2016**, 35, 445-451
- 101 Smart Biomaterials in Drug Delivery Applications. **2016**, 65-93
- 100 Nanoparticle-Based Mycosis Vaccine. **2017**, 1625, 169-211 2
- 99 Chapter 32: The Present and Future of Nanotechnology in Human Health Care. **2017**, 775-806

98	Chapter 3: Nanoparticles: A Boon to Drug Delivery, Therapeutics, Diagnostics and Imaging. 2017 , 47-98		
97	Nanotechnology for the Management of Respiratory Disease. 2018 , 927-940		
96	Advanced Nanotherapeutic Systems for Drug Delivery and Imaging in Cancer. 2018 , 1-21		
95	Achievements in the Synthesis of Elemental Silver Nanoparticles with Various Geometric Forms. 2018 , 15, 112-128		2
94	Nanobiotechnology: Current and Future Perspectives in Combating Microbial Pathogenesis. 2019 , 337-350		
93	Application of Nanoparticles in Crop Production and Protection. 2019 , 235-253		1
92	Nanopharmaceuticals: In Relevance to Drug Delivery and Targeting. 2021 , 77-112		2
91	Nanocarriers(s) Based Approaches in Cancer Therapeutics. 2020 , 10, 130-148		
90	RGD engineered dendrimer nanotherapeutic as an emerging targeted approach in cancer therapy. 2021 , 340, 221-242		20
89	Nanotechnology and Diabetes Management: Recent Advances and Future Perspectives. 2020 , 99-117		1
88	Synthesis of NaYF ₄ :Yb,Er@SiO ₂ @Ag core-shell nanoparticles for plasmon-enhanced upconversion luminescence in bio-applications. 2019 , 3, 013-019		1
87	Receptor-mediated endocytosis is an important way for gelatin nano-particles penetration into cells. <i>Journal of the Belarusian State University Biology</i> , 2020 , 3-10	0.2	0
86	Experimental Approach to the Creation of Efficient Multicomponent Nanocomposites for Antitumor Therapy. <i>Ukrainian Journal of Physics</i> , 2020 , 65, 678	0.4	
85	Enhanced in vitro antiproliferative effects of EpCAM antibody-functionalized paclitaxel-loaded PLGA nanoparticles in retinoblastoma cells. <i>Molecular Vision</i> , 2011 , 17, 2724-37	2.3	16
84	Superparamagnetic iron oxide nanoparticles: promises for diagnosis and treatment of cancer. <i>International Journal of Molecular Epidemiology and Genetics</i> , 2011 , 2, 367-90	0.9	61
83	Nanotechnology: an evidence-based analysis. <i>Ontario Health Technology Assessment Series</i> , 2006 , 6, 1-43 _{3,1}		3
82	Multifunctional synthetic poly(L-glutamic acid)-based cancer therapeutic and imaging agents. <i>Molecular Imaging</i> , 2011 , 10, 28-42	3.7	7
81	Docetaxel Loaded PEG-PLGA Nanoparticles: Optimized Drug Loading, In-vitro Cytotoxicity and In-vivo Antitumor Effect. <i>Iranian Journal of Pharmaceutical Research</i> , 2014 , 13, 819-33	1.1	56

80	Nanotechnology in veterinary medicine: a review. <i>Ciencia Rural</i> , 2022 , 52,	1.3	3
79	Pharmacological effects of novel microvesicles of basil, on blood glucose and the lipid profile: a preclinical study. <i>Scientific Reports</i> , 2021 , 11, 22123	4.9	0
78	Role of Mesoporous Silica Nanoparticles as Drug Carriers: Evaluation of Diverse Mesoporous Material Nanoparticles as Potential Host for Various Applications. <i>Engineering Materials</i> , 2022 , 205-234	0.4	0
77	A mechanistic approach for in-vitro anticancer activity via nucleic acid fragmentation by copper(II) complex anchored on MCM-41. <i>Applied Organometallic Chemistry</i> ,	3.1	0
76	Evaluating the interaction of human serum albumin (HSA) and 1,2-dimyristoyl-sn-glycero-3-phosphocholine (DMPC) liposomes in different aqueous environments using anisotropy resolved multi-dimensional emission spectroscopy (ARMES).. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 211, 112310	6	1
75	An Overview of Nanotechnologies for Drug Delivery to the Brain.. <i>Pharmaceutics</i> , 2022 , 14,	6.4	9
74	Pharmaceutical nanotechnology: from the bench to the market.. <i>Future Journal of Pharmaceutical Sciences</i> , 2022 , 8, 12	2.1	9
73	Recent advance in functionalized mesoporous silica nanoparticles with stimuli-responsive polymer brush for controlled drug delivery. <i>Soft Materials</i> , 1-15	1.7	3
72	The Optimized Delivery of Triterpenes by Liposomal Nanoformulations: Overcoming the Challenges.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	0
71	Structure-Based Varieties of Polymeric Nanocarriers and Influences of Their Physicochemical Properties on Drug Delivery Profiles.. <i>Advanced Science</i> , 2022 , e2105373	13.6	8
70	Resveratrol-loaded chitosan-pectin core-shell nanoparticles as novel drug delivery vehicle for sustained release and improved antioxidant activities.. <i>Royal Society Open Science</i> , 2022 , 9, 210784	3.3	3
69	Application of Selenium Nanoparticles in Localized Drug Targeting for Cancer Therapy.. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2022 ,	2.2	0
68	CD44-Targeted Nanocarrier for Cancer Therapy.. <i>Frontiers in Pharmacology</i> , 2021 , 12, 800481	5.6	1
67	Cannabis as a potential compound against various malignancies, legal aspects, advancement by exploiting nanotechnology and clinical trials.. <i>Journal of Drug Targeting</i> , 2022 , 1-17	5.4	1
66	Liposomal Drug Delivery: Therapeutic Applications in Chronic Respiratory Diseases. 2022 , 471-492		
65	Preparation and in-vitro, in-vivo characterisation of Pioglitazone loaded Chitosan/PEG blended PLGA biocompatible nanoparticles.. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2022 , 1-18	3.5	
64	EXPLORING LIPID-BASED DRUG DELIVERY IN CANCER THERAPY VIA LIPOSOMAL FORMULATIONS. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 15-22	0.4	
63	Liposomes: structure, composition, types, and clinical applications. <i>Heliyon</i> , 2022 , 8, e09394	3.6	14

62	RECENT UPDATE ON LIPOSOME-BASED DRUG DELIVERY SYSTEM. <i>International Journal of Current Pharmaceutical Research</i> , 22-27	0.2	0
61	Drug Carriers: A Review on the Most Used Mathematical Models for Drug Release. <i>Processes</i> , 2022 , 10, 1094	2.9	4
60	Polymeric Nanomaterials for Cancer Theranostics. 2022 , 84-97		
59	Design and Gene Delivery Application of Polymeric Materials in Cancer Immunotherapy.		0
58	pH Sensitive Pluronic Acid/Agarose-Hydrogels as Controlled Drug Delivery Carriers: Design, Characterization and Toxicity Evaluation. <i>Pharmaceutics</i> , 2022 , 14, 1218	6.4	5
57	Unravelling the adsorption performance of BN, AlN, GaN and InN 2D nanosheets towards the ciclopirox, 5-fluorouracil and nitrosourea for anticancer drug delivery motive: A DFT-D with QTAIM, PCM and COSMO investigations. <i>Computational and Theoretical Chemistry</i> , 2022 , 113797	2	2
56	Notoginsenoside R1-loaded mesoporous silica nanoparticles targeting the site of injury through inflammatory cells improves heart repair after myocardial infarction. <i>Redox Biology</i> , 2022 , 102384	11.3	1
55	Recent advancements of nanoparticles application in cancer and neurodegenerative disorders: At a glance. <i>Biomedicine and Pharmacotherapy</i> , 2022 , 153, 113305	7.5	7
54	Self-healing coatings. 2022 , 217-270		
53	Nano-targeted drug delivery approaches for viral infections. 2022 , 233-260		
52	Interlaboratory evaluation of a digital holographic microscopyBased assay for label-free in vitro cytotoxicity testing of polymeric nanocarriers. <i>Drug Delivery and Translational Research</i> ,	6.2	0
51	Phytochemical based nanomedicine: a panacea for cancer treatment, present status and future prospective. <i>OpenNano</i> , 2022 , 7, 100055	8.4	3
50	Therapeutic potential of quercetin in diabetic foot ulcer: Mechanistic insight, challenges, nanotechnology driven strategies and future prospects. <i>Journal of Drug Delivery Science and Technology</i> , 2022 , 74, 103575	4.5	0
49	Application of therapeutic nanoplatfoms as a potential candidate for the treatment of CNS disorders: Challenges and Possibilities. 2022 , 28,		
48	siRNA therapeutics and its challenges: Recent advances in effective delivery for cancer therapy. 2022 , 7, 100063		
47	Nanomaterials for Tissue Grafting. 2022 , 411-439		
46	Biopolymer Nanoparticles for Nose-to-Brain Drug Delivery: A New Promising Approach for the Treatment of Neurological Diseases. 2022 , 13, 125		2
45	Assessment of knowledge about nanotechnology in dentistry amongst dental post graduate students in India: An online cross-sectional survey. 2022 , 17, 89		0

44	QuinolineHydrazone hybrids as dual mutant EGFR inhibitors with promising metallic nanoparticle loading: rationalized design, synthesis, biological investigation and computational studies. 2022 , 46, 18207-18232	1
43	Microbial strategies to address environmental nanopollutants. 2022 , 151-179	0
42	Sağ Alanı da Yenilikçi Bir Yaklaşım: Nanopartiküller/Nanotıp.	0
41	Motile-targeting drug delivery platforms based on micro/nanorobots for tumor therapy. 10,	2
40	Covalent Organic Frameworks (COFs): A Necessary Choice For Drug Delivery. 2022 , 7,	0
39	Anti-biofilm efficacy of green-synthesized ZnO nanoparticles on oral biofilm: In vitro and in silico study. 13,	0
38	Spotlight on Photoactivatable Liposomes beyond Drug Delivery: An Enabler of Multitargeting of Molecular Pathways.	1
37	Synthesis and Biological Use of Nanomaterials. 2022 , 793-858	0
36	A Recent Review on Bio-availability Enhancement of Poorly Water-Soluble Drugs by Using Bioenhancer and Nanoparticulate Drug Delivery System. 2022 , 29,	0
35	Potential of zinc carbide 2D monolayers as a new drug delivery system for nitrosourea (NU) anti-cancer drug. 2022 , 113927	0
34	Roadmap to Realization of Bionanotechnology. 2007 , 121-137	0
33	Engineering core-shell mesoporous silica and Fe ₃ O ₄ @Au nanosystems for targeted cancer therapeutics: a review. 1-29	0
32	A mini review on green synthesis of nanoparticles by utilization of Musa- balbisiana waste peel extract. 2022 ,	1
31	Nanocarriers and their Types for Targeted Drug Delivery. 21-28	0
30	Lycopene, Mesoporous Silica Nanoparticles and Their Association: A Possible Alternative against Vulvovaginal Candidiasis?. 2022 , 27, 8558	0
29	Injectable Nano Drug Delivery Systems for the Treatment of Breast Cancer. 2022 , 14, 2783	0
28	Development of Novel Lipid-Based Formulations for Water-Soluble Vitamin C versus Fat-Soluble Vitamin D3. 2022 , 9, 819	1
27	Low-Molecular-Weight Organogelators Based on N-dodecanoyl-L-amino Acids Energy Frameworks and Supramolecular Synthons. 2023 , 16, 702	2

- 26 Nanocarriers based novel and effective drug delivery system. **2023**, 632, 122570 1
- 25 Tyrosine Kinase Inhibitors for Glioblastoma Multiforme: Challenges and Opportunities for Drug Delivery. **2023**, 15, 59 1
- 24 The Impact of Propanol, N-Butanol and Pentanol on Aqueous Dispersions of Sonicated Liposomes. EPR Study. **2022**, 29, 565-579 0
- 23 Studying the Intermolecular Interactions, Structural Dynamics, and Non-Equilibrium Kinetics of Cilnidipine Infiltrated into Alumina and Silica Pores. **2023**, 39, 533-544 0
- 22 Aptamer-functionalized dendrimers for targeted cancer therapy. **2023**, 255-275 0
- 21 Liposomes for Tumor Targeted Therapy: A Review. **2023**, 24, 2643 0
- 20 Nano-Phytoconstituents and its recent advancement in Anticancer efficacy. **2023**, 447-452 0
- 19 Application of zinc carbide nanosheet as a promising material for 5-fluorouracil drug delivery. **2023**, 152, 110630 0
- 18 Nanosensors for the diagnosis and therapy of neurodegenerative disorders and inflammatory bowel disease. **2023**, 125, 151997 0
- 17 Isolation and characterization of amentoflavone -BSA coated polymer nanoparticles using Cassia fistula leaf extract against antibacterial and anticancer activity. 0
- 16 Responsive Nanostructure for Targeted Drug Delivery. **2023**, 4, 55-85 0
- 15 Investigating the self-assembling of nicotinic hydrazide-based amphiphile into nano-range vesicles and its amphotericin B loading applications. **2023**, 30, 0
- 14 Theranostic magnetic nanoparticles: Synthesis, properties, toxicity, and emerging trends for biomedical applications. **2023**, 81, 104295 0
- 13 Recent Advances in Using Liposomes for Delivery of Nucleic Acid-Based Therapeutics. **2023**, 100132 0
- 12 Nano-biotechnology in tumour and cancerous disease: A perspective review. **2023**, 27, 737-762 1
- 11 Approved Nanomedicine against Diseases. **2023**, 15, 774 0
- 10 Green technology-driven novel, safe metal nanoparticles for cancer therapy: Present facts, current needs and future trends. **2023**, 249-282 0
- 9 Optical characteristics and biosensing application of core@shell nanomaterials. **2023**, 17, 100187 0

- 8 Nanoparticle surface coatings produce distinct antibacterial effects that are consistent across diverse bacterial species. 5,
- 7 Potential of Herbal Drugs for Treatment of Tuberculosis. **2023**, 307-333
- 6 Novel Drug Delivery Systems for Delivery of Herbal Medicine. 302-314
- 5 Polymeric nanosystems for cardiovascular therapeutics. **2023**, 699-722
- 4 Synthesis of silica oxide nanoparticles and their medical applications. **2023**, 79-105
- 3 Nanovectors for theranostic applications. **2023**, 511-548
- 2 Regulatory Aspects for Polymeric Micelles. **2023**, 253-266
- 1 Biogenic green metal nano systems as efficient anti-cancer agents. **2023**, 115933